

Standards Manager Web Standards List

ITU-T-International Telecommunication Union / Telecommunication Standardization Sector

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255	Z.106	Specification and Description Language - Common interchange format for SDL-2010	2021	ITU-T	0
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472	G.672	Characteristics of multi-degree reconfigurable optical add/drop multiplexers - Study Group 15	2020	ITU-T	0

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474	G.709.3	(Pre-Published) Flexible OTN short-reach interface	2020	ITU-T	0
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485	Q.4100	Hybrid peer-to-peer (P2P) communications: Functional architecture	2020	ITU-T	0
486	Q.5052	Addressing mobile devices with duplicate unique identifier	2020	ITU-T	0
487	T.701.11	Guidance on text alternatives for images	2020	ITU-T	0
488	F.749.12	Framework for communication application of civilian unmanned aerial vehicle	2020	ITU-T	0
489	F.751.1	Assessment criteria for distributed ledger technology (DLT) platforms	2020	ITU-T	0
490	F.751.2	Reference framework for distributed ledger technologies	2020	ITU-T	0
491	F.922	Requirements of information service systems for visually impaired persons	2020	ITU-T	0
492	G.709.4	OTU25 and OTU50 short-reach interfaces - Study Group 15	2020	ITU-T	0
493	X.510	Information technology Open Systems Interconnection The Directory: Protocol specifications for secure operations	2020	ITU-T	0
494	X.1261	Policy framework including principles for digital identity infrastructure	2020	ITU-T	0
495	Y.2245	Service model of the Agriculture Information based Convergence Service	2020	ITU-T	0
496	Y.3055	Framework for Trust based Personal Data Management	2020	ITU-T	0
497	Y.3075	Requirements and capabilities of Information Centric Networking routing and forwarding based on control and user plane separation in IMT-2020	2020	ITU-T	0
498	Y.3076	Architecture of ICN-enabled Edge Network in IMT-2020	2020	ITU-T	0
499	Y.3134	IMT-2020 fixed mobile convergence functional requirements for management and orchestration	2020	ITU-T	0
500	Y.3136	Session management for fixed mobile convergence in IMT-2020 networks	2020	ITU-T	0
501	Y.3150	High-level technical characteristics of network softwarization for IMT-2020	2020	ITU-T	0
502	Y.3155	Enhanced SDN Data Plane for IMT-2020	2020	ITU-T	0
503	Y.3156	Framework of network slicing with AI-assisted analysis in IMT-2020 networks	2020	ITU-T	0
504	Y.3176	Machine learning marketplace integration in future networks including IMT-2020	2020	ITU-T	0
505	Y.3530	Cloud computing Functional requirements for blockchain as a service	2020	ITU-T	0
506	Y.3531	Cloud computing Functional requirements for machine learning as a service	2020	ITU-T	0
507	Y.3605	Big data Reference architecture	2020	ITU-T	0
508	Y.4469	Reference architecture of spare computational capability exposure of IoT devices for smart home	2020	ITU-T	0
509	Y.4470	Reference architecture of artificial intelligence service exposure for smart sustainable cities	2020	ITU-T	0
510	Y.4473	SensorThings API Sensing	2020	ITU-T	0
511	Y.4474	Functional architecture for IoT services based on Visible Light Communications	2020	ITU-T	0
512	Y.4475	Lightweight intelligent software framework for IoT devices	2020	ITU-T	0
513	Y.4558	Requirements and functional architecture of smart fire smoke detection service	2020	ITU-T	0

514	Y.4560	Blockchain-based data exchange and sharing for supporting Internet of things and smart cities and communities	2020	ITU-T	0
515	Y.4561	Blockchain-based Data Management for supporting Internet of things and smart cities and communities	2020	ITU-T	0
516	Y.4808	Digital entity architecture framework to combat counterfeiting in IoT	2020	ITU-T	0
517	Y.4907	Reference architecture of blockchain-based unified KPI data management for smart sustainable cities	2020	ITU-T	0
518	D.1040	Optimizing terrestrial cable utilization across multiple countries to boost regional and international connectivity	2020	ITU-T	0
519	D.1101	Enabling environment for voluntary commercial arrangements between telecommunication network operators and OTT providers	2020	ITU-T	0
520	D.1140	Policy framework including principles for digital identity infrastructure	2020	ITU-T	0
521	Z.161.3	Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization	2020	ITU-T	0
522	Z.161.4	Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types	2020	ITU-T	0
523	Z.161.6	Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced matching	2020	ITU-T	0
524	Z.161.7	Testing and Test Control Notation version 3: TTCN-3 Language extensions: Object-oriented features	2020	ITU-T	0
525	Z.161	Testing and Test Control Notation version 3: TTCN-3 core language	2020	ITU-T	0
526	Z.165.1	Testing and Test Control Notation version 3: TTCN-3 extension package: Extended TRI	2020	ITU-T	0
527	Z.166	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI)	2020	ITU-T	0
528	Z.169	Testing and Test Control Notation version 3: Using XML schema with TTCN-3	2020	ITU-T	0
529	Y.4559	Requirements and functional architecture of base station inspection services using unmanned aerial vehicles	2020	ITU-T	0
530	Y.4908	Performance evaluation frameworks of e-health systems in the Internet of things	2020	ITU-T	0
531	Y.4472	Open data application programming interfaces (APIs) for IoT data in smart cities and communities	2020	ITU-T	0
532	Y.3803	Quantum key distribution networks - Key management	2020	ITU-T	0
533	Y.3804	Quantum key distribution networks - Control and management	2020	ITU-T	0
534	Y.4211	Accessibility requirements for smart public transport services	2020	ITU-T	0
535	G.8275	Architecture and requirements for packet-based time and phase distribution - Study Group 15	2020	ITU-T	
536	G.807	Generic functional architecture of the optical media network - Study Group 15	2020	ITU-T	
537	L.1031	Guideline on implementing the e-waste reduction target of the Connect 2020 Agenda - Study Group 5	2020	ITU-T	
538	Y.3802	Quantum key distribution networks Functional architecture - Study Group 13	2020	ITU-T	
539	X.1279	Framework of enhanced authentication using telebiometrics with anti-spoofing detection mechanisms - Study Group 17	2020	ITU-T	
540	X.1403	Security guidelines for using distributed ledger technology for decentralized identity management - Study Group 17	2020	ITU-T	
541	E.156	Guidelines for ITU-T action on reported misuse of E.164 number resources - Study Group 2	2020	ITU-T	0
542	E.164.2	E.164 Numbering Resources for Trials Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operation - Numbering Plan of the International Telephone Service - Study Group 2	2020	ITU-T	0
543	D.264	Shared uses of telecommunication infrastructure as possible methods for enhancing the efficiency of telecommunications - Study Group 3	2020	ITU-T	0
544	E.475	Guidelines for intelligent network analytics and diagnostics - Study Group 12	2020	ITU-T	0
545	E.812	Crowdsourcing approach for the assessment of end-to-end quality of service in fixed and mobile broadband networks - Study Group 12	2020	ITU-T	0
546	F.735.1	(Pre-Published) Requirements for software-defined camera	2020	ITU-T	0
547	F.743.11	(Pre-Published) Requirements for video surveillance with mobile premises units	2020	ITU-T	0
548	F.743.20	Assessment framework for big data infrastructure - Study Group 16	2020	ITU-T	0
549	F.743.21	Framework for data asset management - Study Group 16	2020	ITU-T	0
550	F.746.10	(Pre-Published) Architecture for spontaneous dialog processing system for language learning	2020	ITU-T	0
551	F.746.11	(Pre-Published) Interfaces for intelligent question answering system	2020	ITU-T	0

552	F.748.11	(Pre-Published) Metrics and evaluation methods for deep neural network processor benchmark	2020	ITU-T	0
553	F.749.3	(Pre-Published) Use cases and requirements for the vehicular multimedia networks	2020	ITU-T	0
554	F.751.0	(Pre-Published) Requirements for distributed ledger systems	2020	ITU-T	0
555	G.654	Characteristics of a cut-off shifted single-mode optical fibre and cable - Study Group 15	2020	ITU-T	0
556	G.709	Interfaces for the optical transport network - Study Group 15	2020	ITU-T	0
557	G.781	Synchronization layer functions - Study Group 15	2020	ITU-T	0
558	G.1034	Quality of experience metrics for mobile telephony communication during rail travel - Study Group 12	2020	ITU-T	0
559	G.1035	Influencing factors on quality of experience for virtual reality services - Study Group 12	2020	ITU-T	0
560	G.1072	Opinion model predicting gaming quality of experience for cloud gaming services - Study Group 12	2020	ITU-T	0
561	G.8032	Ethernet ring protection switching - Study Group 15	2020	ITU-T	0
562	G.8260	Definitions and terminology for synchronization in packet networks - Study Group 15	2020	ITU-T	0
563	G.8271.1	Network limits for time synchronization in packet networks - Study Group 15	2020	ITU-T	0
564	G.8271	Time and phase synchronization aspects of telecommunication networks - Study Group 15	2020	ITU-T	0
565	G.8273.4	Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with partial timing support from the network - Study Group 15	2020	ITU-T	0
566	G.8275.1	Internet protocol aspects Transport Precision time protocol telecom profile for phase/time synchronization with full timing support from the network - Study Group 15	2020	ITU-T	0
567	G.8275.2	Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network - Study Group 15	2020	ITU-T	0
568	G.8300	Characteristics of transport networks to support IMT-2020/5G - Study Group 15	2020	ITU-T	0
569	G.9710	Multi-gigabit fast access to subscriber terminals (MGfast) Power spectral density specification - Study Group 15	2020	ITU-T	0
570	G.9806	Higher speed bidirectional, single fibre, point-to-point optical access system (HS-PtP) - Study Group 15	2020	ITU-T	0
571	H.430.5	Reference models for immersive live experience (ILE) presentation environments - Study Group 16	2020	ITU-T	0
572	H.627	Signalling and protocols for visual surveillance - Study Group 16	2020	ITU-T	0
573	H.644.3	Functional architecture of multimedia content delivery networks - Study Group 16	2020	ITU-T	0
574	H.702	Accessibility profiles for IPTV systems - Study Group 16	2020	ITU-T	0
575	H.704	(Pre-Published) Enhanced UI framework for IPTV terminal device Gesture control interface	2020	ITU-T	0
576	H.841	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 1: Optimized Exchange Protocol: Personal Health Device - Study Group 16	2020	ITU-T	0
577	H.850.1	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10A: Transcoding for Bluetooth Low Energy: Personal Health Gateway Thermometer - Study Group 16	2020	ITU-T	0
578	H.850.2	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10B: Transcoding for Bluetooth Low Energy: Personal Health Gateway Blood pressure - Study Group 16	2020	ITU-T	0
579	H.850.3	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10C: Transcoding for Bluetooth Low Energy: Personal Health Gateway Heart-rate - Study Group 16	2020	ITU-T	0
580	H.850.4	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10D: Transcoding for Bluetooth Low Energy: Personal Health Gateway Glucose meter - Study Group 16	2020	ITU-T	0
581	H.850.5	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10E: Transcoding for Bluetooth Low Energy: Personal Health Gateway Weighing scales - Study Group 16	2020	ITU-T	0
582	H.850.6	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10F: Transcoding for Bluetooth Low Energy: Personal Health Gateway Pulse oximeter - Study Group 16	2020	ITU-T	0
583	H.850.7	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10G: Transcoding for Bluetooth Low Energy: Personal Health Gateway Continuous glucose monitoring - Study Group 16	2020	ITU-T	0
584	J.216	Second-generation modular headend architecture in systems for interactive cable television services _ IP cable modems - Study Group 9	2020	ITU-T	0

585	J.224	Fifth-generation transmission systems for interactive cable television services IP cable modems - Study Group 9	2020	ITU-T	0
586	J.225	Fourth-generation transmission systems for interactive cable television services IP cable modems - Study Group 9	2020	ITU-T	0
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588	J.1013	Embedded common interface for exchangeable CA/DRM solutions; The virtual machine - Study Group 9	2020	ITU-T	0
589	J.1014	Embedded common interface for exchangeable CA/DRM solutions; Advanced Security _ ECI-specific functionalities - Study Group 9	2020	ITU-T	0
590	J.1015.1	Embedded common interface for exchangeable CA/DRM solutions: The advanced security system _ Key ladder block: Authentication of control word-usage rules information and associated data 1 - Study Group 9	2020	ITU-T	0
591	J.1015	Embedded common interface for exchangeable CA/DRM solutions: The advanced security system _ Key ladder block - Study Group 9	2020	ITU-T	0
592	J.1	Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks - Study Group 9	2020	ITU-T	0
593	J.299	Functional requirements for remote management of cable set-top box by auto configuration server - Study Group 9	2020	ITU-T	0
594	J.1031	Downloadable Conditional Access System for Bidirectional Network - Requirements - Study Group 9	2020	ITU-T	0
595	J.1203	The specification of a smart TV operating system - Study Group 9	2020	ITU-T	0
596	J.1211	Specifications of IP video broadcast (IPVB) for cable TV networks - Study Group 9	2020	ITU-T	0
597	K.83	Monitoring field strengths of electromagnetic fields - Study Group 5	2020	ITU-T	0
598	K.64	Safe working practices for outside equipment installed in particular environments - Study Group 5	2020	ITU-T	0
599	K.146	Interference management for telecommunication transmissions over copper lines for signals other than speech - Study Group 5	2020	ITU-T	0
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604	M.3041	Framework of smart operation, management and maintenance - Study Group 2	2020	ITU-T	0
605	M.3164	Generic information model for on-site telecommunication smart maintenance - Study Group 2	2020	ITU-T	0
606	M.3362	Requirements for telecommunication anti-fraud management in the telecommunication management network - Study Group 2	2020	ITU-T	0
607	M.3363	Requirements for data management in the telecommunication management network - Study Group 2	2020	ITU-T	0
608	M.3364	Requirements for on-site telecommunication smart maintenance management function - Study Group 2	2020	ITU-T	0
609	P.1204.3	Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to full bitstream information - Study Group 12	2020	ITU-T	0
610	P.1204.4	Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to full and reduced reference pixel information - Study Group 12	2020	ITU-T	0
611	P.1204.5	Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to transport and received pixel information - Study Group 12	2020	ITU-T	0
612	P.1204	Video quality assessment of streaming services over reliable transport for resolutions up to 4K - Study Group 12	2020	ITU-T	0
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618	Q.3643	Signalling architecture of distributed infrastructure ENUM networking for IMS - Study Group 11	2020	ITU-T	0
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620	Q.3963	Compatibility testing of software-defined networking (SDN)-based equipment using the OpenFlow protocol - Study Group 11	2020	ITU-T	0
621	Q.5022	Signalling procedure of energy efficient device-to-device communication for IMT-2020 networks - Study Group 11	2020	ITU-T	0
622	Q.5051	Framework for combating the use of stolen mobile devices - Study Group 11	2020	ITU-T	0
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624	X.677	Identification mechanism for unmanned aerial vehicles using object identifiers - Study Group 17	2020	ITU-T	0
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626	X.1363	Technical framework of personally identifiable information handling in Internet of things environment - Study Group 17	2020	ITU-T	0
627	X.1364	Security requirements and framework for narrowband Internet of things - Study Group 17	2020	ITU-T	0
628	X.1371	Security threats to connected vehicles - Study Group 17	2020	ITU-T	0
629	X.1372	Security guidelines for vehicle-to-everything (V2X) communication systems - Study Group 17	2020	ITU-T	0
630	X.1332	Security guidelines for smart metering services in smart grids - Study Group 17	2020	ITU-T	0
631	X.1402	Security framework for distributed ledger technology - Study Group 17	2020	ITU-T	0
632	X.1451	Risk identification to optimize authentication - Study Group 17	2020	ITU-T	0
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636	Y.3173	Framework for evaluating intelligence levels of future networks including IMT-2020 - Study Group 13	2020	ITU-T	0
637	Y.3174	Framework for data handling to enable machine learning in future networks including IMT-2020 - Study Group 13	2020	ITU-T	0
638	Y.3175	Functional architecture of machine learningbased quality of service assurance for the IMT-2020 network - Study Group 13	2020	ITU-T	0
639	Y.3801	Functional requirements for quantum key distribution networks - Study Group 13	2020	ITU-T	0
640	Y.3604	Big data Overview and requirements for data preservation - Study Group 13	2020	ITU-T	0
641	Y.3652	Big data driven networking requirements - Study Group 13	2020	ITU-T	0
642	Y.4208	Internet of things requirements for support of edge computing - Study Group 20	2020	ITU-T	0
643	Y.4209	Requirements for interoperation of the smart port with the smart city - Study Group 20	2020	ITU-T	0
644	Y.4210	(Pre-Published) Requirements and use cases for universal communication module of mobile IoT devices	2020	ITU-T	0
645	Y.4461	Framework of open data in smart cities - Study Group 20	2020	ITU-T	0
646	Y.4462	(Pre-Published) Requirements and functional architecture of open IoT identity correlation service	2020	ITU-T	0
647	Y.4463	Framework of delegation service for Internet of things devices - Study Group 20	2020	ITU-T	0
648	Y.4464	(Pre-Published) Framework of blockchain of things as decentralized service platform	2020	ITU-T	0
649	Y.4465	Framework of Internet of things services based on visible light communications - Study Group 20	2020	ITU-T	0
650	Y.4466	Framework of smart greenhouse service - Study Group 20	2020	ITU-T	0
651	Y.4467	Minimum set of data structure for automotive emergency response system - Study Group 20	2020	ITU-T	0
652	Y.4468	Minimum set of data transfer protocol for automotive emergency response system - Study Group 20	2020	ITU-T	0
653	Y.4807	Agility by design for telecommunication/ICT systems security used in the Internet of things - Study Group 20	2020	ITU-T	0
654	Y.4459	Digital entity architecture framework for Internet of things interoperability - Study Group 20	2020	ITU-T	0
655	H.266	Versatile video coding	2020	ITU-T	0
656	H.274	Versatile supplemental enhancement information messages for coded video bitstreams	2020	ITU-T	0
657	H.862.1	Data model for sleep management services	2020	ITU-T	0

658	H.862.2	Framework of annotation methods for biosignal data	2020	ITU-T	0
659	H.862.3	Requirements of voice management interface for human-care services	2020	ITU-T	0
660	J.1032	Downloadable Conditional Access System for Bidirectional Network; System Architecture	2020	ITU-T	0
661	J.1033	Downloadable Conditional Access System for Bidirectional Network; The Terminal	2020	ITU-T	0
662	J.1204	The security framework of a smart TV operating system	2020	ITU-T	0
663	L.1023	Assessment method for Circular Scoring	2020	ITU-T	0
664	L.1310	Energy efficiency metrics and measurement methods for telecommunication equipment	2020	ITU-T	0
665	Q.3058	Signalling architecture of orchestration in NGNe	2020	ITU-T	0
666	Q.3059	Signalling requirements for service function discovery	2020	ITU-T	0
667	Q.3645	Protocol at interface between two distributed ENUM servers for IMS	2020	ITU-T	0
668	Q.3720	Procedures for vBNG acceleration with programmable acceleration card	2020	ITU-T	0
669	Q.3915	Set of parameters of vBNG for monitoring	2020	ITU-T	0
670	Y.4460	Architectural reference models of devices for Internet of things applications - Study Group 20	2019	ITU-T	0
671	Z.161.2	Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support - Study Group 17	2019	ITU-T	0
672	Z.161.6	Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced matching - Study Group 17	2019	ITU-T	0
673	Z.161.7	Testing and Test Control Notation version 3: TTCN-3 language extensions: Object-oriented features - Study Group 17	2019	ITU-T	0
674	Z.161	Testing and Test Control Notation version 3: TTCN-3 core language - Study Group 17	2019	ITU-T	0
675	Z.166	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) - Study Group 17	2019	ITU-T	0
676	Y.4904	Smart sustainable cities maturity model - Study Group 20	2019	ITU-T	0
677	Y.4905	(Pre-Published) Smart sustainable city impact assessment	2019	ITU-T	0
678	Y.4906	Assessment framework for digital transformation of sectors in smart cities - Study Group 20	2019	ITU-T	0
679	Z.100	Specification and Description Language Overview of SDL-2010 - Study Group 17	2019	ITU-T	0
680	Z.101	Specification and Description Language Basic SDL 2010 - Study Group 17	2019	ITU-T	0
681	Z.102	Specification and Description Language Comprehensive SDL-2010 - Study Group 17	2019	ITU-T	0
682	Z.103	Specification and Description Language Shorthand notation and annotation in SDL-2010 - Study Group 17	2019	ITU-T	0
683	Z.104	Specification and Description Language Data and action language in SDL-2010 - Study Group 17	2019	ITU-T	0
684	Z.105	Specification and Description Language SDL-2010 combined with ASN.1 modules - Study Group 17	2019	ITU-T	0
685	Z.106	Specification and Description Language Common interchange format for SDL-2010 - Study Group 17	2019	ITU-T	0
686	Z.107	Specification and Description Language - Object-oriented data in SDL-2010 - Study Group 17	2019	ITU-T	0
687	Y.4555	Service functionalities of self-quantification over Internet of things - Study Group 20	2019	ITU-T	0
688	Y.4556	Requirements and functional architecture of smart residential community - Study Group 20	2019	ITU-T	0
689	Y.4458	Requirements and functional architecture of a smart street light service - Study Group 20	2019	ITU-T	0
690	Y.3800	Overview on networks supporting quantum key distribution - Study Group 13	2019	ITU-T	0
691	Y.4051	Vocabulary for smart cities and communities - Study Group 20	2019	ITU-T	0
692	Y.4202	Framework of wireless power transmission application service - Study Group 20	2019	ITU-T	0
693	Y.4203	Requirements of things description in the Internet of things - Study Group 20	2019	ITU-T	0
694	Y.4204	Accessibility requirements for the Internet of things applications and services - Study Group TSAG	2019	ITU-T	0
695	Y.4205	Requirements and reference model of IoT-related crowdsourced systems - Study Group 20	2019	ITU-T	0
696	Y.4206	Requirements and capabilities of user-centric work space service - Study Group 20	2019	ITU-T	0
697	Y.4207	Requirements and capability framework of smart environmental monitoring - Study Group 20	2019	ITU-T	0
698	Y.3508	Cloud computing Overview and high-level requirements of distributed cloud - Study Group 13	2019	ITU-T	0

699	Y.3509	Cloud computing Functional architecture for data storage federation - Study Group 13	2019	ITU-T	0
700	Q.3642	IMS references to Release 12 for communication between IMS and NGN networks to support end-to-end service interoperability - Study Group 11	2019	ITU-T	0
701	Y.3172	Architectural framework for machine learning in future networks including IMT-2020 - Study Group 13	2019	ITU-T	0
702	Y.3523	Metadata framework for NaaS service lifecycle management - Study Group 13	2019	ITU-T	0
703	Y.3524	Cloud computing maturity requirements and framework - Study Group 13	2019	ITU-T	0
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705	Y.2244	Service model for a cultivation plan service at the pre-production stage - Study Group 13	2019	ITU-T	0
706	Y.3106	Quality of service functional requirements for the IMT-2020 network - Study Group 13	2019	ITU-T	0
707	Y.3107	Functional architecture for QoS assurance management in the IMT-2020 network - Study Group 13	2019	ITU-T	0
708	Y.3108	Capability exposure function in IMT-2020 networks - Study Group 13	2019	ITU-T	0
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928	H.430.1	Requirements for immersive live experience (ILE) services - Study Group 16	2018	ITU-T	0
929	H.430.2	Architectural framework for immersive live experience (ILE) services - Study Group 16	2018	ITU-T	0
930	H.430.3	Service scenario of immersive live experience (ILE) - Study Group 16	2018	ITU-T	0
931	H.265.1	Conformance specification for ITU-T H.265 high efficiency video coding - Study Group 16	2018	ITU-T	0
932	H.626.3	Architecture for visual surveillance system interworking - Study Group 16	2018	ITU-T	0
933	H.626.4	Architecture for a point-to-point visual surveillance system - Study Group 16	2018	ITU-T	0
934	G.8271 AMD 1	Time and phase synchronization aspects of telecommunication networks Amendment 1 - Study Group 15	2018	ITU-T	0
935	K.129	Characteristics and ratings of silicon PN junction voltage clamping components used for the protection of telecommunication installations - Study Group 5	2018	ITU-T	0
936	Q.3716	Signalling requirements for mapping between physical and virtual networks - Study Group 11	2018	ITU-T	0
937	H.784	Digital signage: Display device control interface - Study Group 16	2018	ITU-T	0
938	H.785.1	Digital signage: Service requirements and a reference model on information services in public places via an interoperable service platform - Study Group 16	2018	ITU-T	0
939	H.766	Lua for IPTV services - Study Group 16	2018	ITU-T	0
940	H.782	Digital signage: Metadata - Study Group 16	2018	ITU-T	0
941	H.820	Conformance of ITU-T H.810 personal health system: Conformity assessment test plan - Study Group 16	2018	ITU-T	0
942	H.830.13	Conformance of ITU-T H.810 personal health system: Services interface Part 13: Capability Exchange: Health & Fitness Service sender - Study Group 16	2018	ITU-T	0

943	H.830.14	Conformance of ITU-T H.810 personal health system: Services interface Part 14: Capability Exchange: Health & Fitness Service receiver - Study Group 16	2018	ITU-T	0
944	H.843	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 3: Continua Design Guidelines: Personal Health Device - Study Group 16	2018	ITU-T	0
945	H.870	Guidelines for safe listening devices/systems - Study Group 16	2018	ITU-T	0
946	H.845.2	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5B: Glucose meter - Study Group 16	2018	ITU-T	0
947	K.134	Protection of small-size telecommunication installations with poor earthing conditions - Study Group 5	2018	ITU-T	0
948	K.135	Technical parameters for residual current operated protective devices with automatic reclosing feature for telecom applications - Study Group 5	2018	ITU-T	0
949	K.136	Electromagnetic compatibility requirements for radio telecommunication equipment - Study Group 5	2018	ITU-T	0
950	K.137	Electromagnetic compatibility requirements and measurement methods for wireline telecommunication network equipment	2018	ITU-T	0
951	K.138	Quality estimation methods and application guidelines for mitigation measures based on particle radiation tests - Study Group 5	2018	ITU-T	0
952	K.139	Reliability requirements for telecommunication systems affected by particle radiation - Study Group 5	2018	ITU-T	0
953	L.1031	Guideline on implementing the e-waste reduction target of the Connect 2020 Agenda - Study Group 5	2018	ITU-T	0
954	L.109	Construction of optical/metallic hybrid cables - Study Group 15	2018	ITU-T	0
955	L.163	Criteria for optical fibre cable installation with minimal existing infrastructure - Study Group 15	2018	ITU-T	0
956	L.1361	Measurement method for energy efficiency of network functions virtualization - Study Group 5	2018	ITU-T	0
957	L.314	(Pre-Published) Optical fibre identification for the maintenance of optical access networks	2018	ITU-T	0
958	L.1221	Innovative energy storage technology for stationary use - Part 2: Battery - Study Group 5	2018	ITU-T	0
959	L.1303	Functional requirements and framework of green data centre energy-saving management system - Study Group 5	2018	ITU-T	0
960	L.1370	Sustainable and intelligent building services - Study Group 5	2018	ITU-T	0
961	L.1450	Methodologies for the assessment of the environmental impact of the information and communication technology sector - Study Group 5	2018	ITU-T	0
962	M.3372	Requirements for resource management in cloud-aware telecommunication management systems - Study Group 2	2018	ITU-T	0
963	Q.850	Usage of Cause and Location in the Digital Subscriber Signalling System No. 1 and the Signalling System No. 7 ISDN User Part - Study Group 11; 32 pp	2018	ITU-T	0
964	Q.3405	IPv6 protocol procedures for broadband services - Study Group 11	2018	ITU-T	0
965	Q.3641	IMS references to Release 11 for communication between IMS and NGN networks to support end-to-end service interoperability - Study Group 11	2018	ITU-T	0
966	Q.3717	Signalling requirements for automatic management of IP address pools by software-defined networking technologies on a broadband network gateway - Study Group 11	2018	ITU-T	0
967	Q.3718	Signalling requirements of the Sxw interface for virtual data centres - Study Group 11	2018	ITU-T	0
968	Q.5001	Signalling requirements and architecture of intelligent edge computing - Study Group 11	2018	ITU-T	0
969	Q.4060	The structure of the testing of heterogeneous Internet of things gateways in a laboratory environment - Study Group 11	2018	ITU-T	0
970	Q.4042.1	Cloud interoperability testing for web applications - part 1: Interoperability testing between the CSC and CSP - Study Group 11	2018	ITU-T	0
971	X.609.6	Managed P2P communications: Content distribution signalling requirements - Study Group 11	2018	ITU-T	0
972	X.609.7	Managed P2P communications: Content distribution peer protocol - Study Group 11	2018	ITU-T	0
973	X.1147	Security requirements and framework for big data analytics in mobile Internet services - Study Group 17	2018	ITU-T	0
974	X.676	Object identifier-based resolution framework for IoT grouped services - Study Group 17	2018	ITU-T	0
975	X.1093	Telebiometric access control with smart ID cards - Study Group 17	2018	ITU-T	0
976	X.1277	Universal authentication framework - Study Group 17	2018	ITU-T	0

977	X.1278	Client to authenticator protocol/Universal 2-factor framework - Study Group 17	2018	ITU-T	0
978	Y.3103	Business role-based models in IMT-2020 - Study Group 13	2018	ITU-T	0
979	Y.3104	Architecture of the IMT-2020 network - Study Group 13	2018	ITU-T	0
980	Y.3105	Requirements of capability exposure in the IMT-2020 network - Study Group 13	2018	ITU-T	0
981	Y.2814	Mobility management framework over reconfigurable networks - Study Group 13	2018	ITU-T	0
982	Y.2815	Mobility-supporting architecture for mobile peer-to-peer services in heterogeneous wireless networks - Study Group 13	2018	ITU-T	0
983	Y.2242	Service function chaining in mobile networks - Study Group 13	2018	ITU-T	0
984	X.1450	Guidelines on hybrid authentication and key management mechanisms in the client-server model - Study Group 17	2018	ITU-T	0
985	X.1361	Security framework for the Internet of things based on the gateway model - Study Group 17	2018	ITU-T	0
986	Y.2323	Requirements and capabilities of orchestration in next generation network evolution - Study Group 13	2018	ITU-T	0
987	Y.3170	Requirements for machine learning-based quality of service assurance for the IMT-2020 network - Study Group 13	2018	ITU-T	0
988	Y.3324	Requirements and architectural framework for autonomic management and control of IMT-2020 networks - Study Group 13	2018	ITU-T	0
989	Y.3507	Cloud computing Functional requirements of physical machine - Study Group 13	2018	ITU-T	0
990	Y.3602	Big data Functional requirements for data provenance - Study Group 13	2018	ITU-T	0
991	Y.3517	Cloud computing Overview of inter-cloud trust management - Study Group 13	2018	ITU-T	0
992	Y.3518	Cloud computing Functional requirements of inter-cloud data management - Study Group 13	2018	ITU-T	0
993	Y.3519	Cloud computing Functional architecture of big data as a service - Study Group 13	2018	ITU-T	0
994	Y.3651	Big-data-driven networking mobile network traffic management and planning - Study Group 13	2018	ITU-T	0
995	Z.151	User Requirements Notation (URN) Language definition - Study Group 17	2018	ITU-T	0
996	Z.167	Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3 - Study Group 17	2018	ITU-T	0
997	Z.161.4	Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types - Study Group 17	2018	ITU-T	0
998	Q.3954	oneM2M Interoperability testing - Study Group 20	2018	ITU-T	0
999	Q.3955	oneM2M - Testing framework - Study Group 20	2018	ITU-T	0
1000	L.60	Construction of optical/metallic hybrid cables	2018	ITU-T	0
1001	SERIES X SUPP 26 CORR 1	ITU-T X.1111 Supplement on security functional architecture for smart grid services using telecommunication networks Corrigendum 1 - Study Group 17	2018	ITU-T	0
1002	Y.2619	(Pre-Published) Operation, administration, and maintenance functions and mechanisms for Public packet Telecommunication Data Network (PTDN)	2018	ITU-T	0
1003	G.8271.2 AMD 1	Network limits for time synchronization in packet networks with partial timing support from the network Amendment 1 - Study Group 15	2018	ITU-T	0
1004	Y.1331.3	(Pre-published) Flexible OTN long-reach interfaces	2018	ITU-T	0
1005	G.8031 AMD 1	Ethernet linear protection switching Amendment 1 - Study Group 15	2018	ITU-T	0
1006	Y.1376 AMD 1	Timing characteristics of telecom grandmaster clocks for frequency synchronization Amendment 1 - Study Group 15	2018	ITU-T	0
1007	X.609.4	Managed P2P communications: Multimedia streaming peer protocol - Study Group 11	2018	ITU-T	0
1008	Y.4500.2	oneM2M - Requirements - Study Group 20	2018	ITU-T	0
1009	P.570	Artificial noise fields under laboratory conditions - Study Group 12	2018	ITU-T	0
1010	Y.1546 AMD 1	(Pre-Published) Hand-over performance among multiple access networks Amendment 1: IP-Based Service Availability Function	2018	ITU-T	0
1011	Y.4500.13	oneM2M Interoperability testing - Study Group 20	2018	ITU-T	0
1012	Y.2618	The M interface in public packet telecommunication data networks - Study Group 13	2018	ITU-T	0

1013	SERIES Q SUPP 69	(Pre-Published) Framework for interconnection between VoLTEbased network and other networks supporting emergency telecommunications service (ETS)	2018	ITU-T	0
1014	G.8051	Management aspects of the Ethernet transport (ET) capable network element - Study Group 15	2018	ITU-T	0
1015	G.8275.2 AMD 2	(Pre-Published) Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network Amendment 2	2018	ITU-T	0
1016	X.1214	Security assessment techniques in telecommunication/information and communication technology networks - Study Group 17	2018	ITU-T	0
1017	X.680 CORR 3	(Pre-Published) Information technology Abstract Syntax Notation One (ASN.1): Specification of basic notation Technical Corrigendum 3	2018	ITU-T	0
1018	Y.4500.1	oneM2M Functional architecture - Study Group 20	2018	ITU-T	0
1019	G.7701 AMD 1	Common control aspects Amendment 1 - Study Group 15	2018	ITU-T	0
1020	Y.3505	Cloud computing Overview and functional requirements for data storage federation - Study Group 13	2018	ITU-T	0
1021	K.100	Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service - Study Group 5	2018	ITU-T	0
1022	Y.1331 AMD 2	Interfaces for the optical transport network Amendment 2 - Study Group 15	2018	ITU-T	0
1023	Q.3715	Signalling requirements for dynamic bandwidth adjustment on demand on broadband network gateway implemented by software-defined networking technologies - Study Group 11	2018	ITU-T	0
1024	X.682 CORR 2	Information technology Abstract Syntax Notation One (ASN.1): Constraint specification Technical Corrigendum 2 - Study Group 17	2018	ITU-T	0
1025	E.802 AMD 2	Framework and methodologies for the determination and application of QoS parameters Amendment 2 - Study Group 12	2018	ITU-T	0
1026	L.1351	(Pre-Published) Base station site energy efficiency measurement methodology	2018	ITU-T	0
1027	SERIES Y SUPP 47	Information-centric networking Overview, standardization gaps and proof-of-concept - Study Group 13	2018	ITU-T	0
1028	SERIES X SUPP 32	ITU-T X.1058 Code of practice for personally identifiable information protection for telecommunications organizations - Study Group 17	2018	ITU-T	0
1029	Y.3054	(Pre-Published) Framework of Trust-based Media Services	2018	ITU-T	0
1030	SERIES G SUPP 63	ITU-T G.989.3 TC layer operating in ITU-T G.987.3 or ITU-T G.9807.1 TC layer mode - Study Group 15	2018	ITU-T	0
1031	L.57	(Pre-Published) Air-assisted installation of optical fibre cables	2018	ITU-T	0
1032	Y.1345	Management aspects of the Ethernet Transport (ET) capable network element - Study Group 15	2018	ITU-T	0
1033	G.709.1	(Pre-Published) Flexible OTN short-reach interfaces	2018	ITU-T	0
1034	Y.1731 CORR 1	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks Corrigendum 1 - Study Group 15	2018	ITU-T	0
1035	E.840	Statistical framework for end-to-end network performance benchmark scoring and ranking - Study Group 12	2018	ITU-T	0
1036	Y.2322	The functional architecture of virtualized control network entities management and orchestrator in next generation network evolution - Study Group 13	2018	ITU-T	0
1037	Y.4500.32	(Pre-Published) oneM2M- MAF and MEF Interface Specification	2018	ITU-T	0
1038	P.809	Subjective evaluation methods for gaming quality - Study Group 12	2018	ITU-T	0
1039	Y.4500.14	oneM2M LwM2M interworking - Study Group 20	2018	ITU-T	0
1040	Y.4119	Requirements and capability framework for IoT-based automotive emergency response system - Study Group 20	2018	ITU-T	0
1041	G.993.2 AMD 3	Very high speed digital subscriber line transceivers 2 (VDSL2) Amendment 3 - Study Group 15	2018	ITU-T	0
1042	G.8273	Framework of phase and time clocks - Study Group 15	2018	ITU-T	0
1043	Y.3100 CORR 1	Terms and definitions for IMT-2020 network Corrigendum 1 - Study Group 13	2018	ITU-T	0
1044	K.70	Mitigation techniques to limit human exposure to EMFs in the vicinity of radiocommunication stations - Study Group 5	2018	ITU-T	0

1045	X.1276	Authentication step-up protocol and metadata Version 1.0 - Study Group 17	2018	ITU-T	0
1046	I.570	Public/private ISDN interworking - Study Group 13	2018	ITU-T	0
1047	Y.4500.4	oneM2M - Service layer core protocol specification - Study Group 20	2018	ITU-T	0
1048	G.984.5 AMD 1	Gigabit-capable passive optical networks (GPON): Enhancement band Amendment 1 - Study Group 15	2018	ITU-T	0
1049	L.1460	(Pre-Published) Connect 2020 greenhouse gases emissions Guidelines	2018	ITU-T	0
1050	G.993.2 AMD 4	Very high speed digital subscriber line transceivers 2 (VDSL2) Amendment 4 - Study Group 15	2018	ITU-T	0
1051	Y.4500.5	oneM2M Management enablement (OMA) - Study Group 20	2018	ITU-T	0
1052	G.9961 AMD 3	Unified high-speed wire-line based home networking transceivers Data link layer specification Amendment 3 - Study Group 15	2018	ITU-T	0
1053	Y.1368	Framework of phase and time clocks - Study Group 15	2018	ITU-T	0
1054	G.1070	Opinion model for video-telephony applications - Study Group 12	2018	ITU-T	0
1055	Y.3101	Requirements of the IMT-2020 network - Study Group 13	2018	ITU-T	0
1056	Y.4120	Requirements of Internet of things applications for smart retail stores - Study Group 20	2018	ITU-T	0
1057	Y.4500.15	oneM2M Testing framework - Study Group 20	2018	ITU-T	0
1058	Y.4200	Requirements for the interoperability of smart city platforms - Study Group 20	2018	ITU-T	0
1059	J.207	Specification for an integrated broadcast and broadband digital television application control framework - Study Group 9	2018	ITU-T	0
1060	Y.3101 CORR 1	Requirements of the IMT-2020 network Corrigendum 1 - Study Group 13	2018	ITU-T	0
1061	X.609.5	Managed P2P communications: Multimedia streaming overlay management protocol - Study Group 11	2018	ITU-T	0
1062	X.1331	Security guidelines for home area network (HAN) devices in smart grid systems - Study Group 17	2018	ITU-T	0
1063	Q.3714	Signalling requirements of SDN-based access networks with media-independent management capabilities - Study Group 11	2018	ITU-T	0
1064	H.861.1	Requirements on establishing brain healthcare quotients - Study Group 16	2018	ITU-T	0
1065	G.8275.1 AMD 2	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network Amendment 2 - Study Group 15	2018	ITU-T	0
1066	K.130	Neutron irradiation test methods for telecommunication equipment - Study Group 5	2018	ITU-T	0
1067	Q.3740	Signalling requirements for software-defined networking and network function virtualization based central office services - Study Group 11	2018	ITU-T	0
1068	X.696 CORR 3	Information technology ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) Technical Corrigendum 3 - Study Group 17	2018	ITU-T	0
1069	G.709 AMD 2	(Pre-Published) Interfaces for the optical transport network (OTN) Amendment 2	2018	ITU-T	0
1070	X.1080.0 CORR 1	Access control for telebiometrics data protection Corrigendum 1 - Study Group 17	2018	ITU-T	0
1071	Y.4500.12	oneM2M base ontology - Study Group 20	2018	ITU-T	0
1072	Y.4500.6	oneM2M management enablement (BBF) - Study Group 20	2018	ITU-T	0
1073	K.40	Protection against lightning electromagnetic pulses in telecommunication centres - Study Group 5	2018	ITU-T	0
1074	Y.4456	Requirements and functional architecture for smart parking lots in smart cities - Study Group 20	2018	ITU-T	0
1075	SERIES G SUPP 59	(Pre-Published) Guidance on optical fibre and cable reliability	2018	ITU-T	0
1076	SERIES G SUPP 41	Design guidelines for optical fibre submarine cable systems - Study Group 15	2018	ITU-T	0
1077	K.45	(Pre-Published) Resistibility of telecommunication equipment installed in the access and trunk networks to overvoltages and overcurrents	2018	ITU-T	0
1078	Y.4415	Architecture of web of objects-based virtual home network - Study Group 20	2018	ITU-T	0
1079	G.695	(Pre-Published) Optical interfaces for coarse wavelength division multiplexing applications	2018	ITU-T	0

1080	Y.4500.20	oneM2M WebSocket protocol binding - Study Group 20	2018	ITU-T	0
1081	Y.4201	High-level requirements and reference framework of smart city platforms - Study Group 20	2018	ITU-T	0
1082	J.382	Advanced digital downstream transmission systems for television, sound and data services for cable distribution - Study Group 9	2018	ITU-T	0
1083	G.808 AMD 1	Terms and definitions for network protection and restoration Amendment 1 - Study Group 15	2018	ITU-T	0
1084	K.35	Bonding configurations and earthing at remote electronic sites - Study Group 5	2018	ITU-T	0
1085	Y.3053	Framework of trustworthy networking with trust-centric network domains - Study Group 13	2018	ITU-T	0
1086	X.1603	Data security requirements for the monitoring service of cloud computing - Study Group 17	2018	ITU-T	0
1087	G.9958	Generic architecture of home networks for energy management - Study Group 15	2018	ITU-T	0
1088	Q.4016	Testing specification of call establishment procedures based on SIP/SDP and ITU-T H.248 for a real-time fax over IP service - Study Group 11	2018	ITU-T	0
1089	G.997.1 CORR 1	Physical layer management for digital subscriber line transceivers Corrigendum 1 - Study Group 15	2018	ITU-T	0
1090	F.930	Multimedia telecommunication relay services - Study Group 16	2018	ITU-T	0
1091	SERIES G SUPP 64	PON transmission technologies above 10 Gbit/s per wavelength - Study Group 15	2018	ITU-T	0
1092	M.1400 AMD 1	Designations for interconnections among operators networks Amendment 1: Addition of new function codes for optical networks beyond 100 Gb/s - Study Group 2	2018	ITU-T	0
1093	Q.3914	Set of parameters of cloud computing for monitoring - Study Group 11	2018	ITU-T	0
1094	P.863	Perceptual objective listening quality prediction - Study Group 12	2018	ITU-T	0
1095	G.997.1 AMD 2	Physical layer management for digital subscriber line transceivers Amendment 2 - Study Group 15	2018	ITU-T	0
1096	Y.4121	Requirements of an Internet of things enabled network for support of applications for global processes of the Earth - Study Group 20	2018	ITU-T	0
1097	G.9960 CORR 4	Unified high-speed wire-line based home networking transceivers System architecture and physical layer specification Corrigendum 4 - Study Group 15	2018	ITU-T	0
1098	Y.4500.8	oneM2M CoAP protocol binding - Study Group 20	2018	ITU-T	0
1099	K.91	Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields - Study Group 5	2018	ITU-T	0
1100	K.90	(Pre-Published) Evaluation techniques and working procedures for compliance with exposure limits of network operator personnel to power-frequency electromagnetic fields	2018	ITU-T	0
1101	Y.4416	Architecture of the Internet of things based on next generation network evolution - Study Group 20	2018	ITU-T	0
1102	G.959.1	(Pre-Published) Optical transport network physical layer interfaces	2018	ITU-T	0
1103	L.315	Water detection in underground closures for the maintenance of optical fibre cable networks with optical monitoring system - Study Group 15	2018	ITU-T	0
1104	G.998.2 CORR 1	Ethernet-based multi-pair bonding Corrigendum 1 - Study Group 15	2018	ITU-T	0
1105	Y.3130	Requirements of IMT-2020 fixed mobile convergence - Study Group 13	2018	ITU-T	0
1106	Y.2072	Framework for an energy-sharing and trading platform - Study Group 13	2018	ITU-T	0
1107	J.297	Requirements and functional specification of cable set-top boxes for 4K ultra-high definition television - Study Group 9	2018	ITU-T	0
1108	Y.2255	Voice and video call continuity over LTE, Wi-Fi and 2G/3G - Study Group 13	2018	ITU-T	0
1109	G.993.5 CORR 2	(Pre-Published) Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers Corrigendum 2	2018	ITU-T	0
1110	G.9978	Secure admission in G.hn network - Study Group 15	2018	ITU-T	0
1111	J.343 AMD 1	Hybrid perceptual bitstream models for objective video quality measurements Amendment 1 - Study Group 12	2018	ITU-T	0
1112	Y.1342 AMD 1	Ethernet linear protection switching Amendment 1 - Study Group 15	2018	ITU-T	0

1113	K.132	Electromagnetic compatibility requirements of electromagnetic disturbances from lighting equipment located in telecommunication facilities - Study Group 5	2018	ITU-T	0
1114	Q.3940	NGN/IMS interconnection tests between network operators at the IMS Ic interface and NGN NNI/SIP-I - Study Group 11	2018	ITU-T	0
1115	X.1041	Security framework for voice-over-long-termevolution (VoLTE) network operation - Study Group 17	2018	ITU-T	0
1116	K.121 AMD 1	Guidance on the environmental management for compliance with radio frequency EMF limits for radiocommunication base stations Amendment 1: New Appendix II Management of RF-EMF compliance for shared radiocommunication sites - Study Group 5	2018	ITU-T	0
1117	K.70 AMD 1	(Pre-Published) Mitigation techniques to limit human exposure to EMFs in the vicinity of radiocommunication stations Amendment 1: Appendix I - Software "EMF-estimator" v 7.01	2018	ITU-T	0
1118	G.709.3	(Pre-Published) Flexible OTN short-reach interface	2018	ITU-T	0
1119	Y.4500.9	oneM2M HTTP protocol binding - Study Group 20	2018	ITU-T	0
1120	Q.1912.5	Interworking between session initiation protocol (SIP) and bearer independent call control protocol or ISDN user part - Study Group 11	2018	ITU-T	0
1121	SERIES G SUPP 58	Optical transport network module framer interfaces - Study Group 15	2018	ITU-T	0
1122	Y.4417	Framework of self-organization networking in Internet of things environments - Study Group 20	2018	ITU-T	0
1123	Y.1303 CORR 1	Generic framing procedure Corrigendum 1 - Study Group 15	2018	ITU-T	0
1124	G.8021	Characteristics of Ethernet transport network equipment functional blocks - Study Group 15	2018	ITU-T	0
1125	L.1222	Innovative energy storage technology for stationary use Part 3: Supercapacitor technology - Study Group 5	2018	ITU-T	0
1126	G.8013 CORR 1	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks Corrigendum 1 - Study Group 15	2018	ITU-T	0
1127	L.1030	E-waste management framework for countries - Study Group 5	2018	ITU-T	0
1128	Y.3150	High-level technical characteristics of network softwarization for IMT-2020 - Study Group 13	2018	ITU-T	0
1129	M.3071	Cloud-based network management functional architecture - Study Group 2	2018	ITU-T	0
1130	Y.2305	Unified management of content delivery networks - Study Group 13	2018	ITU-T	0
1131	L.108	Optical fibre cable elements for microduct blowing-installation application - Study Group 15	2018	ITU-T	0
1132	Y.3650	Framework of big-data-driven networking - Study Group 13	2018	ITU-T	0
1133	G.997.2 CORR 4	Physical layer management for G.fast transceivers Corrigendum 4 - Study Group 15	2018	ITU-T	0
1134	G.994.1 AMD 2	(Pre-Published) Handshake procedures for digital subscriber line transceivers Amendment 2	2018	ITU-T	0
1135	H.265	High efficiency video coding - Study Group 16	2018	ITU-T	0
1136	SERIES K SUPP 14	The impact of RF-EMF exposure limits stricter than the ICNIRP or IEEE guidelines on 4G and 5G mobile network deployment - Study Group 5	2018	ITU-T	0
1137	Y.1366.1 AMD 1	Network limits for time synchronization in packet networks Amendment 1 - Study Group 15	2018	ITU-T	0
1138	K.133	Electromagnetic environment of body-worn equipment in the 2.4 GHz and 13.56 MHz industrial, scientific and medical band - Study Group 5	2018	ITU-T	0
1139	Q.3952	The architecture and facilities of a model network for Internet of things testing - Study Group 11	2018	ITU-T	0
1140	SERIES K SUPP 12	ITU-T K.51 Potential hazards of narrow pin spacing in connectors - Study Group 5	2018	ITU-T	0
1141	Y.4500.10	oneM2M MQTT protocol binding - Study Group 20	2018	ITU-T	0
1142	L.1332	Total network infrastructure energy efficiency metrics - Study Group 5	2018	ITU-T	0
1143	G.798 AMD 1	(Pre-Published) Characteristics of optical transport network hierarchy equipment functional blocks Amendment 1	2018	ITU-T	0
1144	K.128	(Pre-Published) Surge protective component application guide - metal oxide varistor (MOV) components	2018	ITU-T	0

1145	G.7711	Generic protocol-neutral information model for transport resources - Study Group 15	2018	ITU-T	0
1146	SERIES G SUPP 62	Gfast certification - Study Group 15	2018	ITU-T	0
1147	Y.4418	Gateway functional architecture for Internet of things applications - Study Group 20	2018	ITU-T	0
1148	Y.1364 AMD 1	Distribution of timing information through packet networks Amendment 1 - Study Group 15	2018	ITU-T	0
1149	P.808	Subjective evaluation of speech quality with a crowdsourcing approach - Study Group 12	2018	ITU-T	0
1150	K.50	Safe limits for operating voltages and currents in telecommunication systems powered over the network - Study Group 5	2018	ITU-T	0
1151	X.760	The measurement framework for the statistical indicators of website traffic - Study Group 2	2018	ITU-T	0
1152	Y.3102	Framework of the IMT-2020 network - Study Group 13	2018	ITU-T	0
1153	L.156	Air-assisted installation of optical fibre cables - Study Group 15	2018	ITU-T	0
1154	G.996.2 AMD 6	(Pre-Published) Single-ended line testing for digital subscriber lines (DSL) Amendment 6	2018	ITU-T	0
1155	G.7702	Architecture for SDN control of transport networks - Study Group 15	2018	ITU-T	0
1156	G.7041 CORR 1	Generic framing procedure Corrigendum 1 - Study Group 15	2018	ITU-T	0
1157	Y.1341	Characteristics of Ethernet transport network equipment functional blocks - Study Group 15	2018	ITU-T	0
1158	Y.1366 AMD 1	Time and phase synchronization aspects of telecommunication networks Amendment 1 - Study Group 15	2018	ITU-T	0
1159	L.1020	Circular economy: Guide for operators and suppliers on approaches to migrate towards circular ICT goods and networks - Study Group 5	2018	ITU-T	0
1160	Q.3953	VoLTE/ViLTE interconnection testing for interworking and roaming scenarios - Study Group 11	2018	ITU-T	0
1161	Y.4500.11	oneM2M Common terminology - Study Group 20	2018	ITU-T	0
1162	P.501 AMD 1	Test signals for use in telephony Amendment 1 - Study Group 12	2018	ITU-T	0
1163	G.798 CORR 1	(Pre-Published) Characteristics of optical transport network hierarchy equipment functional blocks Corrigendum 1	2018	ITU-T	0
1164	L.1505	Information and communication technology and adaptation of the fisheries sector to the effects of climate change - Study Group 5	2018	ITU-T	0
1165	Y.4500.22	oneM2M Field device configuration - Study Group 20	2018	ITU-T	0
1166	G.650.1	Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable - Study Group 15	2018	ITU-T	0
1167	L.1207	Progressive migration of a telecommunication/ information and communication technology site to 400 VDC sources and distribution - Study Group 5	2018	ITU-T	0
1168	Y.4457	Architectural framework for transportation safety services - Study Group 20	2018	ITU-T	0
1169	Y.1366.2 AMD 1	Network limits for time synchronization in packet networks with partial timing support from the network Amendment 1 - Study Group 15	2018	ITU-T	0
1170	G.8266 AMD 1	Timing characteristics of telecom grandmaster clocks for frequency synchronization Amendment 1 - Study Group 15	2018	ITU-T	0
1171	Y.1331.1	(Pre-Published) Flexible OTN short-reach interfaces	2018	ITU-T	0
1172	K.52	Guidance on complying with limits for human exposure to electromagnetic fields - Study Group 5	2018	ITU-T	0
1173	SERIES K SUPP 13	Radiofrequency electromagnetic field (RF-EMF) exposure levels from mobile and portable devices during different conditions of use - Study Group 5	2018	ITU-T	0
1174	Y.3112	Framework for the support of multiple network slicing - Study Group 13	2018	ITU-T	0
1175	L.207	Passive node elements with automated ID tag detection - Study Group 15	2018	ITU-T	0
1176	X.680 AMD 1	Information technology Abstract Syntax Notation One (ASN.1): Specification of basic notation Amendment 1: Relaxing IMPORTS clause to allow importation of definitions from new versions of a given module - Study Group 17	2018	ITU-T	0
1177	J.1107	Architecture and specification for radio over IP transmission systems - Study Group 9	2018	ITU-T	0
1178	X.1500 AMD 12	Overview of cybersecurity information exchange Amendment 12 - Study Group 17	2018	ITU-T	0
1179	G.8264 AMD 1	Distribution of timing information through packet networks Amendment 1 - Study Group 15	2018	ITU-T	0

1180	Y.1702	(Pre-Published) Generic protocol-neutral information model for transport resources	2018	ITU-T	0
1181	Y.1369.1 AMD 2	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network Amendment 2 - Study Group 15	2018	ITU-T	0
1182	Q.4041.1	Cloud computing infrastructure capabilities interoperability testing part 1: Interoperability testing between the CSC and CSP - Study Group 11	2018	ITU-T	0
1183	Y.3601	Big data - Framework and requirements for data exchange - Study Group 13	2018	ITU-T	0
1184	Y.4003	Overview of smart manufacturing in the context of the industrial Internet of things - Study Group 20	2018	ITU-T	0
1185	L.1506	Framework of climate change risk assessment for telecommunication and electrical facilities - Study Group 5	2018	ITU-T	0
1186	Y.4500.23	oneM2M Home appliances information model and mapping - Study Group 20	2018	ITU-T	0
1187	G.698.4	Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces - Study Group 15	2018	ITU-T	0
1188	X.1080.1	e-Health and world-wide telemedicines Generic telecommunication protocol - Study Group 17	2018	ITU-T	0
1189	G.8271.1 AMD 1	Network limits for time synchronization in packet networks Amendment 1 - Study Group 15	2018	ITU-T	0
1190	Y.1543	Measurements in Internet protocol networks for inter-domain performance assessment - Study Group 12	2018	ITU-T	0
1191	K.61	Guidance on measurement and numerical prediction of electromagnetic fields for compliance with human exposure limits for telecommunication installations - Study Group 5	2018	ITU-T	0
1192	SERIES Y SUPP 48	(Pre-Published) Proof-of-Concept for Data Service using Information Centric Networking in IMT-2020	2018	ITU-T	0
1193	Q.3640	Framework of interconnection of VoLTE/ViLTE-based networks - Study Group 11	2018	ITU-T	0
1194	Y.3506	Cloud computing - Functional requirements for cloud service brokerage - Study Group 13	2018	ITU-T	0
1195	L.1021	Extended producer responsibility Guidelines for sustainable e-waste management - Study Group 5	2018	ITU-T	0
1196	X.681 CORR 1	Information technology - Abstract Syntax Notation One (ASN.1): Information object specification Technical Corrigendum 1 - Study Group 17	2018	ITU-T	0
1197	G.8023	Characteristics of equipment functional blocks supporting Ethernet physical layer and Flex Ethernet interfaces - Study Group 15	2018	ITU-T	0
1198	H.842	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 2: Optimized Exchange Protocol: Personal Health Gateway - Study Group 16	2017	ITU-T	0
1199	SERIES Y SUPP 45	ITU-T Y.4000 series Smart sustainable cities An overview of smart sustainable cities and the role of information and communication technologies - Study Group 20	2017	ITU-T	0
1200	Z.168	Testing and Test Control Notation version 3: The IDL to TTCN-3 mapping - Study Group 17	2017	ITU-T	0
1201	Y.3302	Functional architecture of software-defined networking - Study Group 13	2017	ITU-T	0
1202	G.722.2 ANNEX C	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex C: Fixed-point C-code - Study Group 16	2017	ITU-T	0
1203	G.8132	MPLS-TP shared ring protection - Study Group 15	2017	ITU-T	0
1204	H.830.4	Conformance of ITU-T H.810 personal health system: Services interface Part 4: SOAP/ATNA: Health & Fitness Service receiver - Study Group 16	2017	ITU-T	0
1205	H.782	Digital signage: Metadata - Study Group 16	2017	ITU-T	0
1206	H.847	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 7: Continua Design Guidelines for Bluetooth Low Energy: Personal Health Devices - Study Group 16	2017	ITU-T	0
1207	G.650.3	Test methods for installed single-mode optical fibre cable links - Study Group 15	2017	ITU-T	0
1208	P.1110	Wideband hands-free communication in motor vehicles - Study Group 12	2017	ITU-T	0
1209	G.988	ONU management and control interface (OMCI) specification - Study Group 15	2017	ITU-T	0
1210	G.8272.1 AMD 1	Timing characteristics of enhanced primary reference time clocks Amendment 1 - Study Group 15	2017	ITU-T	0

1211	Z.161.2	Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support - Study Group 17	2017	ITU-T	0
1212	Y.1545.1	Framework for monitoring the quality of service of IP network services - Study Group 12	2017	ITU-T	0
1213	G.798	Characteristics of optical transport network hierarchy equipment functional blocks - Study Group 15	2017	ITU-T	0
1214	H.845.6	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5F: Cardiovascular fitness and activity monitor - Study Group 16	2017	ITU-T	0
1215	K.125	Dangerous effects and protective measures against electromagnetic disturbances when an Internet data centre is co-sited with a high-voltage substation - Study Group 5	2017	ITU-T	0
1216	G.100	Vocabulary for performance, quality of service and quality of experience - Study Group 12	2017	ITU-T	0
1217	P.804	Subjective diagnostic test method for conversational speech quality analysis - Study Group 12	2017	ITU-T	0
1218	P.1203.2	Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport Audio quality estimation module - Study Group 12	2017	ITU-T	0
1219	Y.3516	Cloud computing Functional architecture of inter-cloud computing - Study Group 13	2017	ITU-T	0
1220	G.9701CORR 3	Fast access to subscriber terminals (G.fast) Physical layer specification Corrigendum 3 - Study Group 15	2017	ITU-T	0
1221	SERIES K SUPP 11	ITU-T K.131 Soft error measures of field programmable gate arrays - Study Group 5	2017	ITU-T	0
1222	G.997.2 AMD 4	Physical layer management for G.fast transceivers Amendment 4 - Study Group 15	2017	ITU-T	0
1223	Y.1372.2 AMD 1	Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS Amendment 1 - Study Group 15	2017	ITU-T	0
1224	H.812.3	Interoperability design guidelines for personal connected health systems: Services interface: Capability Exchange capability - Study Group 16	2017	ITU-T	0
1225	H.627.1	Protocols for mobile visual surveillance - Study Group 16	2017	ITU-T	0
1226	P.1301	Subjective quality evaluation of audio and audiovisual multiparty telemeetings - Study Group 12	2017	ITU-T	0
1227	X.1080.0	Access control for telebiometrics data protection - Study Group 17	2017	ITU-T	0
1228	E.119	Requirements for safety confirmation and broadcast message service for disaster relief - Study Group 2	2017	ITU-T	0
1229	Y.1381.1 AMD 1	(Pre-Published) Characteristics of MPLS-TP equipment functional blocks Amendment 1	2017	ITU-T	0
1230	H.850.6	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10F: Transcoding for Bluetooth Low Energy: Personal Health Gateway Pulse oximeter - Study Group 16	2017	ITU-T	0
1231	X.1058	Information technology Security techniques Code of practice for personally identifiable information protection - Study Group 17	2017	ITU-T	0
1232	H.841	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 1: Optimized Exchange Protocol: Personal Health Device - Study Group 16	2017	ITU-T	0
1233	SERIES Y SUPP 43	ITU-T Y.1900-series Deployment models of N-screen services - Study Group 13	2017	ITU-T	0
1234	X.609.3	Managed P2P communications: Multimedia streaming signalling requirements - Study Group 11	2017	ITU-T	0
1235	G.8275.1 AMD 1	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network Amendment 1 - Study Group 15	2017	ITU-T	0
1236	P.1100	Narrowband hands-free communication in motor vehicles - Study Group 12	2017	ITU-T	0
1237	G.873.3	Optical transport network Shared mesh protection - Study Group 15	2017	ITU-T	0
1238	Z.167	Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3 - Study Group 17	2017	ITU-T	0
1239	Y.3071	Data aware networking (information centric networking) Requirements and capabilities - Study Group 13	2017	ITU-T	0
1240	SERIES X SUPP 31	ITU-T X.660 Guidelines for using object identifiers for the Internet of things - Study Group 17	2017	ITU-T	0
1241	H.846	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 6: Personal Health Gateway - Study Group 16	2017	ITU-T	0

1242	H.248.77	Gateway control protocol: Secure real-time transport protocol (SRTP) package and procedures - Study Group 16	2017	ITU-T	0
1243	H.830.3	Conformance of ITU-T H.810 personal health system: Services interface Part 3: SOAP/ATNA: Health & Fitness Service sender - Study Group 16	2017	ITU-T	0
1244	SERIES H SUPP 15	Conversion and coding practices for HDR/ WCG YCbCr 4:2:0 video with PQ transfer characteristics - Study Group 16	2017	ITU-T	0
1245	SERIES Y SUPP 46	ITU-T Y.3500-series Requirements and challenges regarding provision and consumption of cloud computing services in developing countries - Study Group 13	2017	ITU-T	0
1246	G.811.1	Timing characteristics of enhanced primary reference clocks - Study Group 15	2017	ITU-T	0
1247	G.9807.1 AMD 1	10-Gigabit-capable symmetric passive optical network (XGS-PON) Amendment 1 - Study Group 15	2017	ITU-T	0
1248	G.8112 AMD 1	Interfaces for the MPLS transport profile layer network Amendment 1 - Study Group 15	2017	ITU-T	0
1249	Z.161.1	Testing and Test Control Notation version 3: TTCN-3 language extensions: Support of interfaces with continuous signals - Study Group 17	2017	ITU-T	0
1250	SERIES K SUPP 10	Analysis of electromagnetic compatibility aspects and definition of requirements for 5G systems - Study Group 5	2017	ITU-T	0
1251	SERIES X SUPP 30	ITU-T X.805 Security guidelines for mobile virtual network operators - Study Group 17	2017	ITU-T	0
1252	P.1203.1	Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport Video quality estimation module - Study Group 12	2017	ITU-T	0
1253	Y.3111	IMT-2020 network management and orchestration framework - Study Group 13	2017	ITU-T	0
1254	G.9701 AMD 3	Fast access to subscriber terminals (G.fast) Physical layer specification Amendment 3 - Study Group 15	2017	ITU-T	0
1255	X.1051 CORR 1	Information technology Security techniques Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations Technical Corrigendum 1 - Study Group 17	2017	ITU-T	0
1256	H.845.5	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5E: Thermometer - Study Group 16	2017	ITU-T	0
1257	G.709.1	Flexible OTN short-reach interface - Study Group 15	2017	ITU-T	0
1258	Y.1369.1 AMD 1	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network Amendment 1 - Study Group 15	2017	ITU-T	0
1259	H.811	Interoperability design guidelines for personal connected health systems: Personal Health Devices interface - Study Group 16	2017	ITU-T	0
1260	G.997.1 AMD 1	Physical layer management for digital subscriber line transceivers Amendment 1 - Study Group 15	2017	ITU-T	0
1261	H.763.3	HTML for IPTV services - Study Group 16	2017	ITU-T	0
1262	J.1020	Service model and architecture of downloadable mobile multi-CA/DRM solutions for delivering CA/DRM client software to secondary devices - Study Group 9	2017	ITU-T	0
1263	H.848	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 8: Continua Design Guidelines for Bluetooth Low Energy: Personal Health Gateway - Study Group 16	2017	ITU-T	0
1264	H.850.5	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10E: Transcoding for Bluetooth Low Energy: Personal Health Gateway Weighing scales - Study Group 16	2017	ITU-T	0
1265	K.44	Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents Basic Recommendation - Study Group 5	2017	ITU-T	0
1266	H.625	Architecture for network-based speech-to-speech translation services - Study Group 16	2017	ITU-T	0
1267	SERIES G SUPP 61	(Pre-Published) ITU-T G.1020 -IP aware QoS management	2017	ITU-T	0
1268	H.840	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface: USB host - Study Group 16	2017	ITU-T	0
1269	G.8121 AMD 1	Characteristics of MPLS-TP equipment functional blocks Amendment 1 - Study Group 15	2017	ITU-T	0
1270	Y.4806	Security capabilities supporting safety of the Internet of things - Study Group 20	2017	ITU-T	0

1271	P.501	Test signals for use in telephony - Study Group 12	2017	ITU-T	0
1272	Z.166	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) - Study Group 17	2017	ITU-T	0
1273	Y.3052	Overview of trust provisioning in information and communication technology infrastructures and services - Study Group 13	2017	ITU-T	0
1274	H.845.15	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5M: Basic electrocardiograph - Study Group 16	2017	ITU-T	0
1275	H.830.2	Conformance of ITU-T H.810 personal health system: Services interface Part 2: Web services interoperability: Health & Fitness Service receiver - Study Group 16	2017	ITU-T	0
1276	Y.1368.2 AMD 1	Timing characteristics of telecom boundary clocks and telecom time slave clocks Amendment 1 - Study Group 15	2017	ITU-T	0
1277	H.702 CORR 1	Accessibility profiles for IPTV systems: Various corrections and clarifications Corrigendum 1 - Study Group 16	2017	ITU-T	0
1278	F.746.6	Requirements for a name resolution service in information-centric networks - Study Group 16	2017	ITU-T	0
1279	Y.4455	Reference architecture for Internet of things network capability exposure - Study Group 20	2017	ITU-T	0
1280	X.1550	Access control models for incident exchange networks - Study Group 17	2017	ITU-T	0
1281	G.8032 CORR 1	Ethernet ring protection switching Corrigendum 1 - Study Group 15	2017	ITU-T	0
1282	Y.3515	Cloud computing Functional architecture of Network as a Service - Study Group 13	2017	ITU-T	0
1283	G.9700 AMD 2	Fast access to subscriber terminals (G.fast) Power spectral density specification Amendment 2 - Study Group 15	2017	ITU-T	0
1284	H.845.4	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5D: Blood pressure monitor - Study Group 16	2017	ITU-T	0
1285	G.9901	Narrowband orthogonal frequency division multiplexing power line communication transceivers - Power spectral density specification - Study Group 15	2017	ITU-T	0
1286	Y.3110	IMT-2020 network management and orchestration requirements - Study Group 13	2017	ITU-T	0
1287	F.921	Audio-based network navigation system for persons with vision impairment - Study Group 16	2017	ITU-T	0
1288	G.993.5 AMD 2	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers Amendment 2 - Study Group 15	2017	ITU-T	0
1289	SERIES K SUPP 9	5G technology and human exposure to RF EMF - Study Group 5	2017	ITU-T	0
1290	SERIES X SUPP 29	ITU-T X.1242 Guidelines on countermeasures against short message service phishing and smishing attacks - Study Group 17	2017	ITU-T	0
1291	M.3020	Management interface specification methodology - Study Group 2	2017	ITU-T	0
1292	G.8264	Distribution of timing information through packet networks - Study Group 15	2017	ITU-T	0
1293	H.845.16	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5P: Continuous glucose monitor - Study Group 16	2017	ITU-T	0
1294	Q.3713	Signalling requirements for broadband network gateway pool - Study Group 11	2017	ITU-T	0
1295	SERIES K SUPP 7	ITU-T K.44 AC supply configurations	2017	ITU-T	0
1296	H.845.9	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5I: Medication adherence monitor - Study Group 16	2017	ITU-T	0
1297	H.850.4	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10D: Transcoding for Bluetooth Low Energy: Personal Health Gateway Glucose meter - Study Group 16	2017	ITU-T	0
1298	G.8113.2 AMD 1	Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS Amendment 1 - Study Group 15	2017	ITU-T	0
1299	H.830.12	Conformance of ITU-T H.810 personal health system: Services interface Part 12: Questionnaires: Health & Fitness Service receiver - Study Group 16	2017	ITU-T	0
1300	X.1500 AMD 11	Overview of cybersecurity information exchange Amendment 11: Revised structured cybersecurity information exchange techniques - Study Group 17	2017	ITU-T	0

1301	P.381	Technical requirements and test methods for the universal wired headset or headphone interface of digital mobile terminals - Study Group 12	2017	ITU-T	0
1302	Z.165	Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI) - Study Group 17	2017	ITU-T	0
1303	Y.3051	Basic principles of trusted environment in information and communication technology infrastructure - Study Group 13	2017	ITU-T	0
1304	BS.2107-0	Use of International Radio for Disaster Relief (IRDR) frequencies for emergency broadcasts in the High Frequency (HF) bands	2017	ITU-T	0
1305	H.845.14	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5N: International normalized ratio - Study Group 16	2017	ITU-T	0
1306	H.830.1	Conformance of ITU-T H.810 personal health system: Services interface Part 1: Web services interoperability: Health & Fitness Service sender - Study Group 16	2017	ITU-T	0
1307	X.696 CORR 2	Information technology ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) Technical Corrigendum 2 - Study Group 17	2017	ITU-T	0
1308	Y.4117	Requirements and capabilities of the Internet of things for support of wearable devices and related services - Study Group 20	2017	ITU-T	0
1309	X.1373	Secure software update capability for intelligent transportation system communication devices - Study Group 17	2017	ITU-T	0
1310	L.1310	Energy efficiency metrics and measurement methods for telecommunication equipment - Study Group 5	2017	ITU-T	0
1311	G.7714.1	Protocol for automatic discovery in transport networks - Study Group 15	2017	ITU-T	0
1312	F.749.2	Service requirements for vehicle gateway platforms - Study Group 16	2017	ITU-T	0
1313	G.998.4 CORR 1	Improved impulse noise protection for digital subscriber line (DSL) transceivers Corrigendum 1 - Study Group 15	2017	ITU-T	0
1314	X.1053	Code of practice for information security controls based on ITU-T X.1051 for small and medium-sized telecommunication organizations - Study Group 17	2017	ITU-T	0
1315	Z.169	(Pre-Published) Testing and Test Control Notation version 3: Using XML schema with TTCN-3	2017	ITU-T	0
1316	Y.1368.2	Timing characteristics of telecom boundary clocks and telecom time slave clocks - Study Group 15	2017	ITU-T	0
1317	H.845.3	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5C: Pulse oximeter - Study Group 16	2017	ITU-T	0
1318	SERIES P SUPP 26	Scenarios for the subjective evaluation of audio and audiovisual multiparty telemeeting quality - Study Group 12	2017	ITU-T	0
1319	Y.3100	Terms and definitions for IMT-2020 network - Study Group 13	2017	ITU-T	0
1320	G.997.2 AMD 3	Physical layer management for G.fast transceivers Amendment 3 - Study Group 15	2017	ITU-T	0
1321	SERIES K SUPP 8	Resistibility analysis of 5G systems - Study Group 5	2017	ITU-T	0
1322	Y.2067	Common requirements and capabilities of a gateway for Internet of things applications - Study Group 20	2017	ITU-T	0
1323	Y.1331 CORR 1	Interfaces for the optical transport network Corrigendum 1 - Study Group 15	2017	ITU-T	0
1324	H.845.10	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5J: Insulin pump - Study Group 16	2017	ITU-T	0
1325	Q.3630	Inter-IMS network to network interface Protocol specification - Study Group 11	2017	ITU-T	0
1326	G.994.1 AMD 1	Handshake procedures for digital subscriber line transceivers Amendment 1 - Study Group 15	2017	ITU-T	0
1327	G.874	Management aspects of optical transport network elements - Study Group 15	2017	ITU-T	0
1328	H.850.3	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10C: Transcoding for Bluetooth Low Energy: Personal Health Gateway Heart-rate - Study Group 16	2017	ITU-T	0
1329	H.830.11	Conformance of ITU-T H.810 personal health system: Services interface Part 11: Questionnaires: Health & Fitness Service sender - Study Group 16	2017	ITU-T	0
1330	X.696 CORR 1	Information technology ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) Technical Corrigendum 1 - Study Group 17	2017	ITU-T	0

1331	F.746.5	Framework for a language learning system based on speech and natural language processing (NLP) technology - Study Group 16	2017	ITU-T	0
1332	Z.170	Testing and Test Control Notation version 3: TTCN-3 documentation comment specification - Study Group 17	2017	ITU-T	0
1333	Z.164	Testing and Test Control Notation version 3: TTCN-3 operational semantics - Study Group 17	2017	ITU-T	0
1334	Y.2773	Performance models and metrics for deep packet inspection - Study Group 13	2017	ITU-T	0
1335	H.845.13	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5M: Basic electrocardiograph - Study Group 16	2017	ITU-T	0
1336	G.997.1 AMD 7	(Pre-Published) Physical layer management for digital subscriber line transceivers Amendment 7	2017	ITU-T	0
1337	H.821	Conformance of ITU-T H.810 personal health system: Healthcare information system interface - Study Group 16	2017	ITU-T	0
1338	Y.4114	Specific requirements and capabilities of the Internet of things for big data - Study Group 20	2017	ITU-T	0
1339	X.693 CORR 1	Information technology ASN.1 encoding rules: XML Encoding Rules (XER) Technical Corrigendum 1 - Study Group 17	2017	ITU-T	0
1340	Y.4116	Requirements of transportation safety services including use cases and service scenarios - Study Group 20	2017	ITU-T	0
1341	X.1362	Simple encryption procedure for Internet of things (IoT) environments - Study Group 17	2017	ITU-T	0
1342	G.997.2 CORR 3	Physical layer management for G.fast transceivers Corrigendum 3 - Study Group 15	2017	ITU-T	0
1343	X.1040	Security reference architecture for lifecycle management of e-commerce business data - Study Group 17	2017	ITU-T	0
1344	Y.1371 AMD 1	Interfaces for the MPLS transport profile layer network Amendment 1 - Study Group 15	2017	ITU-T	0
1345	Y.1383	MPLS-TP shared ring protection - Study Group 15	2017	ITU-T	0
1346	F.747.9	Requirements and architecture for energy management services - Study Group 16	2017	ITU-T	0
1347	X.1541	Incident object description exchange format version 2 - Study Group 17	2017	ITU-T	0
1348	H.845.2	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5B: Glucose meter - Study Group 16	2017	ITU-T	0
1349	K.113 NOTE	Generation of radiofrequency electromagnetic field level maps - Study Group 5	2017	ITU-T	0
1350	K.127	Immunity requirements for telecommunication equipment in close proximity use of wireless devices - Study Group 5	2017	ITU-T	0
1351	Y.1364	Distribution of timing information through packet networks - Study Group 15	2017	ITU-T	0
1352	G.781	Synchronization layer functions - Study Group 15	2017	ITU-T	0
1353	G.8273.3	Timing characteristics of telecom transparent clocks - Study Group 15	2017	ITU-T	0
1354	H.850.2	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10B: Transcoding for Bluetooth Low Energy: Personal Health Gateway Blood pressure - Study Group 16	2017	ITU-T	0
1355	H.830.6	Conformance of ITU-T H.810 personal health system: Services interface Part 6: PCD-01 HL7 messages: Health & Fitness Service receiver - Study Group 16	2017	ITU-T	0
1356	Q.3053	Signalling architecture and requirements for IP-based short message service over ITU-T defined NGN - Study Group 11	2017	ITU-T	0
1357	H.849	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 9: Transcoding for Bluetooth Low Energy: Personal Health Devices - Study Group 16	2017	ITU-T	0
1358	L.1206	Impact on information and communication technology equipment architecture of multiple AC, -48 VDC or up to 400 VDC power inputs - Study Group 5	2017	ITU-T	0
1359	H.830.10	Conformance of ITU-T H.810 personal health system: Services interface Part 10: hData Observation Upload: Health & Fitness Service receiver - Study Group 16	2017	ITU-T	0
1360	X.680 CORR 1	Information technology Abstract Syntax Notation One (ASN.1): Specification of basic notation Technical Corrigendum 1 - Study Group 17	2017	ITU-T	0
1361	G.987.2 AMD 1	10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification Amendment 1 - Study Group 15	2017	ITU-T	0
1362	H.264	Advanced video coding for generic audiovisual services - Study Group 16	2017	ITU-T	0
1363	H.626.2	Architecture for cloud storage in visual surveillance - Study Group 16	2017	ITU-T	0

1364	K.45	Resistibility of telecommunication equipment installed in the access and trunk networks to overvoltages and overcurrents - Study Group 5	2017	ITU-T	0
1365	Z.161	Testing and Test Control Notation version 3: TTCN-3 core language - Study Group 17	2017	ITU-T	0
1366	Y.2341	Next generation network evolution Requirements and capabilities for supporting authorized account messaging service - Study Group 13	2017	ITU-T	0
1367	L.1331	Assessment of mobile network energy efficiency - Study Group 5	2017	ITU-T	0
1368	H.845.12	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5L: Body composition analyser - Study Group 16	2017	ITU-T	0
1369	G.8275	Architecture and requirements for packet-based time and phase distribution - Study Group 15	2017	ITU-T	0
1370	X.682 CORR 1	Information technology Abstract Syntax Notation One (ASN.1): Constraint specification Technical Corrigendum 1 - Study Group 17	2017	ITU-T	0
1371	G.996.2 AMD 5	Single-ended line testing for digital subscriber lines (DSL) Amendment 5 - Study Group 15	2017	ITU-T	0
1372	L.404	Field mountable single-mode optical fibre connectors - Study Group 15	2017	ITU-T	0
1373	Y.1367.1 AMD 1	Timing characteristics of enhanced primary reference time clocks Amendment 1 - Study Group 15	2017	ITU-T	0
1374	Y.1366	Time and phase synchronization aspects of telecommunication networks - Study Group 15	2017	ITU-T	0
1375	G.806 CORR 3	Characteristics of transport equipment Description methodology and generic functionality Corrigendum 3 - Study Group 15	2017	ITU-T	0
1376	H.845.16 CORR 1	(Pre-Published) Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5P: Continuous glucose monitor: Alignment with CDG2016 (Iris) Corrigendum 1	2017	ITU-T	0
1377	Y.4101	Common requirements and capabilities of a gateway for Internet of things applications - Study Group 20	2017	ITU-T	0
1378	X.1212	Design considerations for improved end-user perception of trustworthiness indicators - Study Group 17	2017	ITU-T	0
1379	K.126	Surge protective component application guide High frequency signal isolation transformers - Study Group 5	2017	ITU-T	0
1380	F.746.4	Requirements for deployment of informationcentric networks - Study Group 16	2017	ITU-T	0
1381	X.697	Information technology ASN.1 encoding rules: Specification of JavaScript Object Notation Encoding Rules (JER) - Study Group 17	2017	ITU-T	0
1382	H.845.1	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5A: Weighing scales - Study Group 16	2017	ITU-T	0
1383	X.1248	Technical requirements for countering instant messaging spam - Study Group 17	2017	ITU-T	0
1384	SERIES H SUPP 18	Signalling, backward compatibility and display adaptation for HDR/WCG video coding - Study Group 16	2017	ITU-T	0
1385	H.812.2	Interoperability design guidelines for personal connected health systems: Services interface: Questionnaire capability - Study Group 16	2017	ITU-T	0
1386	G.8271.1	Network limits for time synchronization in packet networks - Study Group 15	2017	ITU-T	0
1387	Y.4115	Reference architecture for IoT device capability exposure - Study Group 20	2017	ITU-T	0
1388	H.850.1	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10A: Transcoding for Bluetooth Low Energy: Personal Health Gateway Thermometer - Study Group 16	2017	ITU-T	0
1389	G.8275.2 AMD 1	Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network Amendment 1 - Study Group 15	2017	ITU-T	0
1390	H.830.5	Conformance of ITU-T H.810 personal health system: Services interface Part 5: PCD-01 HL7 messages: Health & Fitness Service sender - Study Group 16	2017	ITU-T	0
1391	P.1310	Spatial audio meetings quality evaluation - Study Group 12	2017	ITU-T	0
1392	L.1220	Innovative energy storage technology for stationary use Part 1: Overview of energy storage - Study Group 5	2017	ITU-T	0
1393	K.99	Surge protective component application guide Gas discharge tubes - Study Group 5	2017	ITU-T	0
1394	H.830.9	Conformance of ITU-T H.810 personal health system: Services interface Part 9: hData Observation Upload: Health & Fitness Service sender - Study Group 16	2017	ITU-T	0

1395	SERIES P SUPP 27	Application of ITU-T P.863 and ITU-T P.863.1 for speech processed by blind bandwidth extension approaches - Study Group 12	2017	ITU-T	0
1396	G.709 CORR 1	Interfaces for the optical transport network Corrigendum 1 - Study Group 15	2017	ITU-T	0
1397	H.560	Communications interface between external applications and a vehicle gateway platform - Study Group 16	2017	ITU-T	0
1398	K.21	Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents - Study Group 5	2017	ITU-T	0
1399	Z.161.6	Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced matching - Study Group 17	2017	ITU-T	0
1400	H.845.11	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5K: Peak expiratory flow monitor - Study Group 16	2017	ITU-T	0
1401	X.680 CORR 2	Information technology Abstract Syntax Notation One (ASN.1): Specification of basic notation Technical Corrigendum 2 - Study Group 17	2017	ITU-T	0
1402	G.994.1 AMD 9	(Pre-Published) Handshake procedures for digital subscriber line transceivers Amendment 9	2017	ITU-T	0
1403	G.8271	Time and phase synchronization aspects of telecommunication networks - Study Group 15	2017	ITU-T	0
1404	L.206	Requirements for passive optical nodes Outdoor optical cross-connect cabinets - Study Group 15	2017	ITU-T	0
1405	Y.1344 CORR 1	Ethernet ring protection switching Corrigendum 1 - Study Group 15	2017	ITU-T	0
1406	Y.1366.2	Network limits for time synchronization in packet networks with partial timing support from the network - Study Group 15	2017	ITU-T	0
1407	H.813	Interoperability design guidelines for personal connected health systems: Healthcare Information System interface - Study Group 16	2017	ITU-T	0
1408	Y.2241	Service framework to support web objects based ubiquitous self-directed learning - Study Group 13	2017	ITU-T	0
1409	X.1145	Security framework and requirements for open capabilities of telecommunication services - Study Group 17	2017	ITU-T	0
1410	H.845.10 CORR 1	(Pre-Published) Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5J: Insulin pump: Alignment with CDG2016 (Iris) Corrigendum 1	2017	ITU-T	0
1411	F.743.4	Functional requirements for virtual content delivery networks - Study Group 16	2017	ITU-T	0
1412	Y.1331.1	Flexible OTN short-reach interface - Study Group 15	2017	ITU-T	0
1413	H.844	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 4: Continua Design Guidelines: Personal Health Gateway - Study Group 16	2017	ITU-T	0
1414	X.1213	Security capability requirements for countering smartphone-based botnets - Study Group 17	2017	ITU-T	0
1415	SERIES L SUPP 35	Framework of disaster management for network resilience and recovery - Study Group 15	2017	ITU-T	0
1416	G.9807.2	10 Gigabit-capable passive optical networks (XG(S)-PON): Reach extension - Study Group 15	2017	ITU-T	0
1417	G.9903	Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks - Study Group 15	2017	ITU-T	0
1418	Y.1705.1	Protocol for automatic discovery in transport networks - Study Group 15	2017	ITU-T	0
1419	G.9961 CORR 4	Unified high-speed wire-line based home networking transceivers Data link layer specification Corrigendum 4 - Study Group 15	2017	ITU-T	0
1420	H.724	IPTV terminal device: Interworking-enabled model of multiple devices - Study Group 16	2017	ITU-T	0
1421	G.8271.2	Network limits for time synchronization in packet networks with partial timing support from the network - Study Group 15	2017	ITU-T	0
1422	H.830.8	Conformance of ITU-T H.810 personal health system: Services interface Part 8: Consent Management: Health & Fitness Service receiver - Study Group 16	2017	ITU-T	0
1423	H.550	Architecture and functional entities of vehicle gateway platforms - Study Group 16	2017	ITU-T	0
1424	K.20	Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents - Study Group 5	2017	ITU-T	0
1425	Y.2304	Network intelligence capability enhancement Requirements and capabilities to support mobile content delivery optimization - Study Group 13	2017	ITU-T	0

1426	Z.161.4	Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types - Study Group 17	2017	ITU-T	0
1427	H.222.0 AMD 1	Information technology Generic coding of moving pictures and associated audio information Part 1: Systems Amendment 1: Ultra-low latency and 4K and higher resolution support for transport of JPEG 2000 video - Study Group 16	2017	ITU-T	0
1428	H.845.8	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5H: Independent living activity hub - Study Group 16	2017	ITU-T	0
1429	X.1127	Functional security requirements and architecture for mobile phone anti-theft measures - Study Group 17	2017	ITU-T	0
1430	SERIES G SUPP 51	Passive optical network protection considerations - Study Group 15	2017	ITU-T	0
1431	G.9701 CORR 4	Fast Access to Subscriber Terminals (G.fast) Physical layer specification Corrigendum 4 - Study Group 15	2017	ITU-T	0
1432	Y.1363	Timing characteristics of packet-based equipment clocks - Study Group 15	2017	ITU-T	0
1433	L.110	Optical fibre cables for direct surface application - Study Group 15	2017	ITU-T	0
1434	H.812	Interoperability design guidelines for personal connected health systems: Services interface - Study Group 16	2017	ITU-T	0
1435	L.1315	Standardization terms and trends in energy efficiency - Study Group 5	2017	ITU-T	0
1436	Y.1368.3	Timing characteristics of telecom transparent clocks - Study Group 15	2017	ITU-T	0
1437	X.1126	Guidelines on mitigating the negative effects of infected terminals in mobile networks - Study Group 17	2017	ITU-T	0
1438	H.830.6 CORR 1	(Pre-Published) Conformance of ITU-T H.810 personal health system: Services interface Part 6: PCD-01 HL7 messages: Health & Fitness Service receiver: Alignment with CDG2016 (Iris) Corrigendum 1	2017	ITU-T	0
1439	E.847	Quality of service norms for time-division multiplexing interconnection between telecom networks - Study Group 12	2017	ITU-T	0
1440	H.843	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 3: Continua Design Guidelines: Personal Health Device - Study Group 16	2017	ITU-T	0
1441	Y.4805	Identifier service requirements for the interoperability of smart city applications - Study Group 20	2017	ITU-T	0
1442	P.1120	Super-wideband and fullband hands-free communication in motor vehicles - Study Group 12	2017	ITU-T	0
1443	Z.171	Testing and Test Control Notation version 3: Using JSON with TTCN-3 - Study Group 17	2017	ITU-T	0
1444	Y.3514	Cloud computing Trusted inter-cloud computing framework and requirements - Study Group 13	2017	ITU-T	0
1445	H.830.7	Conformance of ITU-T H.810 personal health system: Services interface Part 7: Consent management: Health & Fitness Service sender - Study Group 16	2017	ITU-T	0
1446	H.861.0	Requirements on communication platform for multimedia brain information - Study Group 16	2017	ITU-T	0
1447	G.989.2 AMD 2	40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification Amendment 2 - Study Group 15	2017	ITU-T	0
1448	J.1106	Requirement for radio over IP transmission system - Study Group 9	2017	ITU-T	0
1449	G.1032	(Pre-Published) Influence Factors on Gaming Quality of Experience	2017	ITU-T	0
1450	G.8151	Management aspects of the MPLS-TP network element - Study Group 15	2017	ITU-T	0
1451	G.8273.2	Timing characteristics of telecom boundary clocks and telecom time slave clocks - Study Group 15	2017	ITU-T	0
1452	P.862.2 CORR 1	(Pre-Published) Wideband extension to Recommendation P.862 for the assessment of wideband telephone networks and speech codecs Corrigendum 1	2017	ITU-T	0
1453	G.873.1	Optical transport network: Linear protection - Study Group 15	2017	ITU-T	0
1454	G.722.2 ANNEX D	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex D: Digital test sequences - Study Group 16	2017	ITU-T	0
1455	G.8263	Timing characteristics of packet-based equipment clocks - Study Group 15	2017	ITU-T	0
1456	G.9977 CORR 1	Mitigation of interference between DSL and PLC Corrigendum 1 - Study Group 15	2017	ITU-T	0
1457	G.994.1	Handshake procedures for digital subscriber line transceivers - Study Group 15	2017	ITU-T	0
1458	Z.161.3	Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization - Study Group 17	2017	ITU-T	0

1459	Y.2041	Policy control mechanism in multi-connection - Study Group 13	2017	ITU-T	0
1460	G.872	Architecture of optical transport networks - Study Group 15	2017	ITU-T	0
1461	P.10	Vocabulary for performance, quality of service and quality of experience - Study Group 12	2017	ITU-T	0
1462	H.845.7	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5G: Strength fitness equipment - Study Group 16	2017	ITU-T	0
1463	G.9807.1 ERTA 1	10-Gigabit-capable symmetric passive optical network (XGS-PON) - Study Group 15	2017	ITU-T	0
1464	P.1203	Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Study Group 12	2017	ITU-T	0
1465	E.802 AMD 1	Framework and methodologies for the determination and application of QoS parameters Amendment 1 - Study Group 12	2017	ITU-T	0
1466	SERIES L SUPP 36	ITU-T L.1310 Study on methods and metrics to evaluate energy efficiency for future 5G systems - Study Group 5	2017	ITU-T	0
1467	P.1203.3	Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport Quality integration module - Study Group 12	2017	ITU-T	0
1468	G.9701 AMD 4	Fast access to subscriber terminals (G.fast) Physical layer specification Amendment 4 - Study Group 15	2017	ITU-T	0
1469	G.9973	Protocol for identifying home network topology - Study Group 15	2017	ITU-T	0
1470	Y.1381 AMD 1	Characteristics of MPLS-TP equipment functional blocks Amendment 1 - Study Group 15	2017	ITU-T	0
1471	H.812.4	Interoperability design guidelines for personal connected health systems: Services interface: Authenticated Persistent Session capability - Study Group 16	2017	ITU-T	0
1472	H.830.5 CORR 1	(Pre-Published) Conformance of ITU-T H.810 personal health system: Services interface Part 5: PCD-01 HL7 messages: Health & Fitness Service sender: Alignment with CDG2016 (Iris) Corrigendum 1	2017	ITU-T	0
1473	H.763.2	Scalable vector graphics for IPTV services - Study Group 16	2017	ITU-T	0
1474	Y.1366.1	Network limits for time synchronization in packet networks - Study Group 15	2017	ITU-T	0
1475	H.850	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10: Transcoding for Bluetooth Low Energy: Personal Health Gateway General requirements - Study Group 16	2017	ITU-T	0
1476	E.811	Quality measurement in major events - Study Group 12	2017	ITU-T	0
1477	K.56 CORR 1	Protection of radio base stations against lightning discharges Corrigendum 1 - Study Group 5	2017	ITU-T	0
1478	H.812.1	Interoperability design guidelines for personal connected health systems: Services interface: Observation Upload capability - Study Group 16	2017	ITU-T	0
1479	X.1146	(Pre-Published) Secure protection guidelines for value-added services provided by telecommunication operators	2017	ITU-T	0
1480	H.222.0	Information technology Generic coding of moving pictures and associated audio information: Systems - Study Group 16	2017	ITU-T	0
1481	Y.1369.2 AMD 1	(Pre-Published) Transport Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network Amendment 1	2017	ITU-T	0
1482	H.810	Interoperability design guidelines for personal connected health systems: Introduction - Study Group 16	2017	ITU-T	0
1483	P.1140	Speech communication requirements for emergency calls originating from vehicles - Study Group 12	2017	ITU-T	0
1484	G.9962 AMD 1	Unified high-speed wire-line based home networking transceivers Management specification Amendment 1 - Study Group 15	2016	ITU-T	0
1485	A.12	Identification and layout of ITU-T Recommendations - Study Group TSAG	2016	ITU-T	0
1486	H.248.74	Gateway Control Protocol: Media resource control enhancement packages - Study Group 16	2016	ITU-T	0
1487	X.1521	Common vulnerability scoring system 3.0 - Study Group 17	2016	ITU-T	0
1488	SERIES K SUPP 6	ITU-T K.115 Measuring shielding effectiveness using normalized site attenuation in free space - Study Group 5	2016	ITU-T	0
1489	Q.3712	Scenarios and signalling requirements of unified intelligent programmable interface for IPv6 - Study Group 11	2016	ITU-T	0
1490	Q.3625	Completion of communications to busy subscriber and completion of communications by no reply using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0

1491	K.117	Primary protector parameters for the surge protection of equipment Ethernet ports - Study Group 5	2016	ITU-T	0
1492	K.119	Conformance assessment of radio base stations regarding lightning protection and earthing - Study Group 5	2016	ITU-T	0
1493	G.1011	Reference guide to quality of experience assessment methodologies - Study Group 12	2016	ITU-T	0
1494	G.8131 AMD 2	Linear protection switching for MPLS transport profile Amendment 2 - Study Group 15	2016	ITU-T	0
1495	X.1051	Information technology Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for telecommunications organizations - Study Group 17	2016	ITU-T	0
1496	X.1500 AMD 10	Overview of cybersecurity information exchange Revised structured cybersecurity information exchange techniques - Study Group 17	2016	ITU-T	0
1497	Q.4005.2	Conference service using IP multimedia core network subsystem; Conformance testing Part 2: Network side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1498	Y.1701 AMD 1	Common equipment management function requirements Amendment 1 - Study Group 15	2016	ITU-T	0
1499	X.1085	Information technology Security techniques Telebiometric authentication framework using biometric hardware security module - Study Group 17	2016	ITU-T	0
1500	Z.101	Specification and Description Language Basic SDLâ 2010 - Study Group 17	2016	ITU-T	0
1501	L.1007	Test suites for assessment of the external universal power adapter solutions for portable information and communication technology devices - Study Group 5	2016	ITU-T	0
1502	L.1700	Requirements and framework for low-cost sustainable telecommunications infrastructure for rural communications in developing countries - Study Group 5	2016	ITU-T	0
1503	X.511	Information technology Open Systems Interconnection The Directory: Abstract service definition - Study Group 17	2016	ITU-T	0
1504	Y.3014	Resource control and management function for virtual networks for carriers (vRCMF) - Study Group 13	2016	ITU-T	0
1505	Q.3960	Framework of Internet related performance measurements - Study Group 11	2016	ITU-T	0
1506	Q.4001.2	IMS specific use of session initiation protocol and session description protocol; Conformance testing Part 2: Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1507	Y.1372.1	Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks - Study Group 15	2016	ITU-T	0
1508	Q.4011.3	Closed user group using IP multimedia core network subsystem; Conformance test specification Part 3: Test suite structure and test purposes; User side - Study Group 11	2016	ITU-T	0
1509	G.8272 AMD 1	Timing characteristics of primary reference time clocks Amendment 1 - Study Group 15	2016	ITU-T	0
1510	G.8266	Timing characteristics of telecom grandmaster clocks for frequency synchronization - Study Group 15	2016	ITU-T	0
1511	X.520	Information technology Open Systems Interconnection The Directory: Selected attribute types - Study Group 17	2016	ITU-T	0
1512	Y.4702	Common requirements and capabilities of device management in the Internet of things - Study Group 20	2016	ITU-T	0
1513	G.697	Optical monitoring for dense wavelength division multiplexing systems - Study Group 15	2016	ITU-T	0
1514	Z.100 ANNEX F1	Specification and Description Language - Overview of SDL-2010 Annex F1: SDL-2010 formal definition: General overview - Study Group 17	2016	ITU-T	0
1515	L.1204	Extended architecture of power feeding systems of up to 400 VDC - Study Group 5	2016	ITU-T	0
1516	H.264.2	Reference software for ITU-T H.264 advanced video coding - Study Group 16	2016	ITU-T	0
1517	G.9700 AMD 1	Fast access to subscriber terminals (G.fast) - Power spectral density specification Amendment 1 - Study Group 15	2016	ITU-T	0
1518	F.743.2	Requirements for cloud storage in visual surveillance - Study Group 16	2016	ITU-T	0
1519	G.8121.1 CORR 1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms Corrigendum 1 - Study Group 15	2016	ITU-T	0
1520	G.997.2 AMD 1	Physical layer management for G.fast transceivers Amendment 1 - Study Group 15	2016	ITU-T	0
1521	SERIES Y SUPP 30	ITU-T Y.4250 series Smart sustainable cities Overview of smart sustainable cities infrastructure - Study Group 20	2016	ITU-T	0
1522	L.1205	Interfacing of renewable energy or distributed power sources to up to 400 VDC power feeding systems - Study Group 5	2016	ITU-T	0
1523	Q.4010.2	Message waiting indication using IP multimedia core network subsystem Part 2: Test suite structure and test purposes; Network side - Study Group 11	2016	ITU-T	0

1524	P.914	Display requirements for 3D video quality assessment - Study Group 9	2016	ITU-T	0
1525	J.1010	Embedded common interface for exchangeable CA/DRM solutions; Use cases and requirements - Study Group 9	2016	ITU-T	0
1526	Q.4015.2	Interworking between the IP multimedia core network subsystem and circuit switched networks; Conformance testing Part 2: Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1527	SERIES G SUPP 56	OTN transport of CPRI signals - Study Group 15	2016	ITU-T	0
1528	K.87	Guide for the application of electromagnetic security requirements Overview - Study Group 5	2016	ITU-T	0
1529	SERIES L SUPP 27	Success stories on e-waste management - Study Group 5	2016	ITU-T	0
1530	P.1312	Method for the measurement of the communication effectiveness of multiparty telemeetings using task performance - Study Group 12	2016	ITU-T	0
1531	X.1256	Guidelines and framework for sharing network authentication results with service applications - Study Group 17	2016	ITU-T	0
1532	G.8121.2 CORR 1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms Corrigendum 1 - Study Group 15	2016	ITU-T	0
1533	SERIES L SUPP 21	Implementation guidance for small- and medium-sized enterprises on information and communication technology supply chain due diligence concerning conflict minerals - Study Group 5	2016	ITU-T	0
1534	Y.1303	Generic framing procedure - Study Group 15	2016	ITU-T	0
1535	Q.4005.3	Conference service using IP multimedia core network subsystem; Conformance testing Part 3: User side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1536	Q.3905	Conformance test plan for number portability requirements defined by ITU-T Q-Suppl.4 - Study Group 11	2016	ITU-T	0
1537	Y.1369.1	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network - Study Group 15	2016	ITU-T	0
1538	SERIES Y SUPP 27	(Pre-Published) Draft Supplement 27 to ITU-T Y.4400 series, Smart Sustainable Cities - Setting the framework for an ICT architecture	2016	ITU-T	0
1539	K.118	Requirements for Lightning Protection of Fibre To The distribution point (FTTdp) Equipment - Study Group 5	2016	ITU-T	0
1540	Q.1912.5 D	Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Test suite structure and test purposes (TSS&TP) for profile C - Study Group 11	2016	ITU-T	0
1541	G.709	Interfaces for the optical transport network - Study Group 15	2016	ITU-T	0
1542	G.8032 AMD 1	Ethernet ring protection switching Amendment 1 - Study Group 15	2016	ITU-T	0
1543	SERIES J SUPP 5	(pre-Published) Ultra High Definition Television (UHDTV) cable transmission with functions defined in Recommendations ITU-T J.183, J.288, and J.94	2016	ITU-T	0
1544	Q.3629	Interworking between the IP multimedia core network subsystem and circuit switched networks Protocol specification - Study Group 11	2016	ITU-T	0
1545	Q.3624	Malicious communication identification using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1546	Z.102	Specification and Description Language Comprehensive SDL-2010 - Study Group 17	2016	ITU-T	0
1547	L.1360	Energy control for the software-defined networking architecture - Study Group 5	2016	ITU-T	0
1548	X.519	Information technology Open Systems Interconnection The Directory: Protocol specifications - Study Group 17	2016	ITU-T	0
1549	P.915	Subjective assessment methods for 3D video quality - Study Group 9	2016	ITU-T	0
1550	Q.4004.2	Communication diversion using IP multimedia core network subsystem; Conformance testing Part 2: Network side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1551	Y.4552	Application support models of the Internet of things - Study Group 13	2016	ITU-T	0
1552	Y.2772	Mechanisms for the network elements with support of deep packet inspection - Study Group 13	2016	ITU-T	0
1553	Q.4001.3	IMS specific use of session initiation protocol and session description protocol; Conformance testing Part 3: Network side; Abstract test suite and protocol implementation extra information for testing - Study Group 11	2016	ITU-T	0

1554	Q.4012.1	Anonymous communication rejection and communication barring using IP multimedia core network subsystem; Conformance testing specification Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1555	G.808	Terms and definitions for network protection and restoration - Study Group 15	2016	ITU-T	0
1556	X.521	Information technology Open Systems Interconnection The Directory: Selected object classes - Study Group 17	2016	ITU-T	0
1557	G.9905 AMD 1	Centralized metric-based source routing Amendment 1 - Study Group 15	2016	ITU-T	0
1558	G.9964 AMD 2	Unified high-speed wireline-based home networking transceivers Power spectral density specification Amendment 2 - Study Group 15	2016	ITU-T	0
1559	X.500	Information technology Open Systems Interconnection â__The Directory: Overview of concepts, models and services - Study Group 17	2016	ITU-T	0
1560	G.8275.2	Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network - Study Group 15	2016	ITU-T	0
1561	D.52	Establishing and connecting regional Internet exchange points to reduce costs of international Internet connectivity - Study Group 3	2016	ITU-T	0
1562	G.874.1	Optical transport network: Protocol-neutral management information model for the network element view - Study Group 15	2016	ITU-T	0
1563	L.103	Optical fibre cables for indoor applications - Study Group 15	2016	ITU-T	0
1564	Q.4010.3	Message waiting indication using IP multimedia core network subsystem Part 3: Test suite structure and test purposes; User side - Study Group 11	2016	ITU-T	0
1565	Q.3316	Interface and signalling requirements and specification for cross stratum optimization - Study Group 11	2016	ITU-T	0
1566	G.997.1	Physical layer management for digital subscriber line transceivers - Study Group 15	2016	ITU-T	0
1567	Q.4006.1	Communication waiting service using IP multimedia core network subsystem; Conformance testing Part 1: Network side; and user side; Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1568	J.1104	Control specification for IP-based switched digital video using data over cable service interface specifications - Study Group 9	2016	ITU-T	0
1569	G.9701 AMD 1	Fast access to subscriber terminals (G.fast) Physical layer specification Amendment 1 - Study Group 15	2016	ITU-T	0
1570	K.95	Surge parameters of isolating transformers used in telecommunication devices and equipment - Study Group 5	2016	ITU-T	0
1571	SERIES L SUPP 34	ITU-T L.1410 Example of hybrid life cycle assessment of the aggregated second order effects of selected information and communication technology services - Study Group 5	2016	ITU-T	0
1572	G.989.3 AMD 1	40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification Amendment 1 - Study Group 15	2016	ITU-T	0
1573	G.9701 ERTA 1	Fast access to subscriber terminals (G.fast) - Physical layer specification - Study Group 15	2016	ITU-T	0
1574	Q.4006.2	Communication waiting service using IP multimedia core network subsystem; Conformance testing Part 2: Network side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1575	Y.1307	Ethernet service characteristics - Study Group 15	2016	ITU-T	0
1576	G.800	Unified functional architecture of transport networks - Study Group 15	2016	ITU-T	0
1577	G.8121.1	Internet protocol aspects Transport Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms - Study Group 15	2016	ITU-T	0
1578	Y.1367 AMD 1	Timing characteristics of primary reference time clocks Amendment 1 - Study Group 15	2016	ITU-T	0
1579	Z.103	Specification and Description Language Shorthand notation and annotation in SDL-2010 - Study Group 17	2016	ITU-T	0
1580	Q.3932.4	IMS/NGN performance benchmark Part 4: Testing of the performance design objectives - Study Group 11	2016	ITU-T	0
1581	F.743.3	Requirements for visual surveillance system interworking - Study Group 16	2016	ITU-T	0
1582	X.1641	Guidelines for cloud service customer data security - Study Group 17	2016	ITU-T	0
1583	J.94	Service information for digital broadcasting in cable television systems - Study Group 9	2016	ITU-T	0
1584	G.9961 AMD 2	Unified high-speed wire-line based home networking transceivers Data link layer specification Amendment 2 - Study Group 15	2016	ITU-T	0

1585	Q.4002.1	Originating identification presentation and originating identification restriction using IP multimedia core network subsystem; Conformance testing Part 1: Network side and user side; Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1586	J.223.2	Cabinet DOCSIS (C-DOCSIS) system specification - Study Group 9	2016	ITU-T	0
1587	X.525	Information technology Open Systems Interconnection The Directory: Replication - Study Group 17	2016	ITU-T	0
1588	X.501	Information technology Open Systems Interconnection The Directory: Models - Study Group 17	2016	ITU-T	0
1589	Y.1451.1	Functionality and interface specifications for GSTN transport network equipment for interconnecting GSTN and IP networks - Study Group 16	2016	ITU-T	0
1590	G.9962 CORR 1	Unified high-speed wire-line based home networking transceivers Management specification Corrigendum 1 - Study Group 15	2016	ITU-T	0
1591	SERIES L SUPP 30	ITU-T L.1700 Setting up a low-cost sustainable telecommunication network for rural communications in developing countries using cellular network with capacity transfer - Study Group 5	2016	ITU-T	0
1592	G.8011	Ethernet service characteristics - Study Group 15	2016	ITU-T	0
1593	G.8275.1	Internet protocol aspects Transport Precision time protocol telecom profile for phase/time synchronization with full timing support from the network - Study Group 15	2016	ITU-T	0
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1596	G.971	General features of optical fibre submarine cable systems - Study Group 15	2016	ITU-T	0
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1598	L.310	Optical fibre maintenance depending on topologies of access networks - Study Group 15	2016	ITU-T	0
1599	Y.1540	Internet protocol data communication service IP packet transfer and availability performance parameters - Study Group 12	2016	ITU-T	0
1600	L.1325	Green ICT solutions for telecom network facilities - Study Group 5	2016	ITU-T	0
1601	SERIES Y SUPP 33	ITU-T Y.4000 series Smart sustainable cities Master plan - Study Group 20	2016	ITU-T	0
1602	Q.4011.2	Closed user group using IP multimedia core network subsystem; Conformance test specification Part 2: Test suite structure and test purposes; Network side - Study Group 11	2016	ITU-T	0
1603	SERIES L SUPP 23	ITU-T L.1700 series Low-cost sustainable telecommunications for rural communications in developing countries using microwave and millimetre radio links - Study Group 5	2016	ITU-T	0
1604	Q.3403	IP multimedia call control protocol based on the session initiation protocol and the session description protocol Basic call: Requirements for the user side and the network side - Study Group 11	2016	ITU-T	0
1605	Q.4005.1	Conference service using IP multimedia core network subsystem; Conformance testing Part 1: Network side and user side; Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1606	G.1022	Buffer models for media streams on TCP transport - Study Group 12	2016	ITU-T	0
1607	SERIES G SUPP 59	Guidance on optical fibre and cable reliability - Study Group 15	2016	ITU-T	0
1608	J.1105	Requirement of channel switching service over hybrid fibre and coaxial based network - Study Group 9	2016	ITU-T	0
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1610	G.9979 AMD 1	Implementation of the generic mechanism in the IEEE 1905.1a-2014 Standard to include applicable ITU-T Recommendations Amendment 1 - Study Group 15	2016	ITU-T	0
1611	Q.4012.2	Anonymous communication rejection and communication barring using IP multimedia core network subsystem; Conformance test specification Part 2: Test suite structure and test purposes; Network side - Study Group 11	2016	ITU-T	0
1612	X.1602	Security requirements for software as a service application environments - Study Group 17	2016	ITU-T	0
1613	Q.3626	Message waiting indication using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0

1614	M.3371	Requirements for service management in cloudaware telecommunication management system - Study Group 2	2016	ITU-T	0
1615	Q.3920	Terms and definitions for conformance and interoperability - Study Group 11	2016	ITU-T	0
1616	G.8121.2	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms - Study Group 15	2016	ITU-T	0
1617	H.264.1	Conformance specification for ITU-T H.264 advanced video coding - Study Group 16	2016	ITU-T	0
1618	G.9960 CORR 3	Unified high-speed wire-line based home networking transceivers System architecture and physical layer specification Corrigendum 3 - Study Group 15	2016	ITU-T	0
1619	K.120	Lightning protection and earthing of a miniature base station - Study Group 5	2016	ITU-T	0
1620	G.993.5 AMD 1	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers Amendment 1 - Study Group 15	2016	ITU-T	0
1621	G.8261 CORR 1	Timing and synchronization aspects in packet networks Corrigendum 1 - Study Group 15	2016	ITU-T	0
1622	Y.1346	Protocol-neutral management information model for the Ethernet transport capable network element - Study Group 15	2016	ITU-T	0
1623	Y.1367.1	Timing characteristics of enhanced primary reference time clocks - Study Group 15	2016	ITU-T	0
1624	X.784	Guidelines for implementation conformance statements proformas associated with SNMP-based management systems - Study Group 2	2016	ITU-T	0
1625	J.196.2	Physical layer specification of second generation HiNoC - Study Group 9	2016	ITU-T	0
1626	SERIES Y SUPP 35	ITU-T Y.3033 Data aware networking Scenarios and use cases - Study Group 13	2016	ITU-T	0
1627	G.9964 AMD 1	Unified high-speed wireline-based home networking transceivers Power spectral density specification Amendment 1 - Study Group 15	2016	ITU-T	0
1628	Q.4006.3	Communication waiting service using IP multimedia core network subsystem; Conformance testing Part 3: User side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1629	G.8262 CORR 1	Timing characteristics of synchronous Ethernet equipment slave clock Corrigendum 1 - Study Group 15	2016	ITU-T	0
1630	Y.2617	Quality of service guaranteed mechanisms and performance model for public packet telecommunication data networks - Study Group 13	2016	ITU-T	0
1631	Z.104	Specification and Description Language Data and action language in SDL-2010 - Study Group 17	2016	ITU-T	0
1632	G.703	Physical/electrical characteristics of hierarchical digital interfaces - Study Group 16	2016	ITU-T	0
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1635	X.609.1	Managed P2P communications: Peer activity management protocol (PAMP) - Study Group 11	2016	ITU-T	0
1636	G.8272.1	Timing characteristics of enhanced primary reference time clocks - Study Group 15	2016	ITU-T	0
1637	Q.4002.2	Originating identification presentation and originating identification restriction using IP multimedia core network subsystem; Conformance testing Part 2: Network side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1638	X.1542	Session information message exchange format - Study Group 17	2016	ITU-T	0
1639	L.1002	External universal power adapter solutions for portable information and communication technology devices - Study Group 5	2016	ITU-T	0
1640	Y.2340	Next generation network evolution phase 1 Overview - Study Group 13	2016	ITU-T	0
1641	G.1050	Network model for evaluating multimedia transmission performance over Internet Protocol - Study Group 12	2016	ITU-T	0
1642	Y.4453	Adaptive software framework for Internet of things devices - Study Group 20	2016	ITU-T	0
1643	K.81	High-power electromagnetic immunity guide for telecommunication systems - Study Group 5	2016	ITU-T	0
1644	J.183	Time-division multiplexing of multiple MPEG-2 transport streams and generic formats of transport streams over cable television systems - Study Group 9	2016	ITU-T	0

1645	SERIES L SUPP 31	ITU-T L.1700 Setting up a low-cost sustainable telecommunication network for rural communications in developing countries using satellite systems - Study Group 5	2016	ITU-T	0
1646	Q.4004.3	Communication diversion using IP multimedia core network subsystem; Conformance testing Part 3: User side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1647	D.97	Methodological principles for determining international mobile roaming rates - Study Group 3	2016	ITU-T	0
1648	G.973	Characteristics of repeaterless optical fibre submarine cable systems - Study Group 15	2016	ITU-T	0
1649	G.7712 AMD 2	Architecture and specification of data communication network Amendment 2 - Study Group 15	2016	ITU-T	0
1650	G.9963 CORR 1	Unified high-speed wireline-based home networking transceivers Multiple input/multiple output specification Corrigendum 1 - Study Group 15	2016	ITU-T	0
1651	M.3160 AMD 2	Generic, protocol-neutral management information model Amendment 2: New Appendix II on positioning of Recommendation ITU-T M.3160 to Recommendation ITU-T M.1401 - Study Group 2	2016	ITU-T	0
1652	L.1203	Colour and marking identification of up to 400 VDC power distribution for information and communication technology systems - Study Group 5	2016	ITU-T	0
1653	SERIES G SUPP 60	Ethernet linear protection switching with dual node interconnection - Study Group 15	2016	ITU-T	0
1654	Q.3618	Originating identification presentation and originating identification restriction using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1655	SERIES L SUPP 25	ITU-T L.1502 Best practices for infrastructure adaptation to climate change - Study Group 5	2016	ITU-T	0
1656	G.813 CORR 2	Timing characteristics of SDH equipment slave clocks (SEC) Corrigendum 2 - Study Group 15	2016	ITU-T	0
1657	SERIES Y SUPP 32	ITU-T Y.4000 series Smart sustainable cities A guide for city leaders - Study Group 20	2016	ITU-T	0
1658	Y.1703 AMD 2	Internet protocol aspects Operation, administration and maintenance Architecture and specification of data communication network Amendment 2 - Study Group 15	2016	ITU-T	0
1659	G.9963 AMD 1	Unified high-speed wireline-based home networking transceivers Multiple input/multiple output specification Amendment 1 - Study Group 15	2016	ITU-T	0
1660	H.265.2	Reference software for ITU-T H.265 high efficiency video coding - Study Group 16	2016	ITU-T	0
1661	Q.3627	Closed user group using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1662	Y.1374 AMD 1	Management aspects of the MPLS-TP network element Amendment 1 - Study Group 15	2016	ITU-T	0
1663	Q.4012.3	Anonymous communication rejection and communication barring using IP multimedia core network subsystem; Conformance test specification Part 3: Test suite structure and test purposes; User side - Study Group 11	2016	ITU-T	0
1664	X.1642	Guidelines for the operational security of cloud computing - Study Group 17	2016	ITU-T	0
1665	Q.3229	Signalling requirements and protocol at the M2 interface between the transport location management physical entity and the handover decision and control physical entity - Study Group 11	2016	ITU-T	0
1666	K.123	Electromagnetic compatibility requirements for electrical equipment in telecommunication facilities - Study Group 5	2016	ITU-T	0
1667	G.9961 CORR 3	Unified high-speed wire-line based home networking transceivers Data link layer specification Corrigendum 3 - Study Group 15	2016	ITU-T	0
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1669	G.8121	Characteristics of MPLS-TP equipment functional blocks - Study Group 15	2016	ITU-T	0
1670	Q.4008.1	Malicious communication identification using IP multimedia core network subsystem; Conformance test specification Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
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1673	Y.1352	Terms and definitions for optical transport networks - Study Group 15	2016	ITU-T	0
1674	Q.4040	The framework and overview of cloud computing interoperability testing - Study Group 11	2016	ITU-T	0
1675	G.993.2 CORR 1	Very high speed digital subscriber line transceivers 2 (VDSL2) Corrigendum 1 - Study Group 15	2016	ITU-T	0
1676	J.196.3	Media access control layer specification of second generation HiNoC - Study Group 9	2016	ITU-T	0
1677	M.3160 AMD 1	Generic, protocol-neutral management information model Amendment 1 - Study Group 2	2016	ITU-T	0
1678	SERIES Y SUPP 41	Deployment models of service function chaining - Study Group 13	2016	ITU-T	0
1679	X.1033	Guidelines on security of individual information services provided by operators - Study Group 11	2016	ITU-T	0
1680	Y.2076	Semantics based requirements and framework of the Internet of things - Study Group 13	2016	ITU-T	0
1681	G.987.2	10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification - Study Group 15	2016	ITU-T	0
1682	Z.105	Specification and Description Language SDL-2010 combined with ASN.1 modules - Study Group 17	2016	ITU-T	0
1683	SERIES Z IMP	Specification and Description Language implementers guide Version 3.0.1 - Study Group 17	2016	ITU-T	0
1684	J.341	Objective perceptual multimedia video quality measurement of HDTV for digital cable television in the presence of a full reference - Study Group 9	2016	ITU-T	0
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1686	H.265.1	Conformance specification for ITU-T H.265 high efficiency video coding - Study Group 16	2016	ITU-T	0
1687	Q.4002.3	Originating identification presentation and originating identification restriction using IP multimedia core network subsystem; Conformance testing Part 3: User side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1688	Y.3301	Functional requirements of software-defined networking - Study Group 13	2016	ITU-T	0
1689	Y.1355	Terms and definitions for MPLS transport profile - Study Group 15	2016	ITU-T	0
1690	Y.3323	Requirements of soft network architecture for mobile - Study Group 13	2016	ITU-T	0
1691	Z.109	Specification and Description Language Unified modeling language profile for SDL-2010 - Study Group 17	2016	ITU-T	0
1692	G.7041	Generic framing procedure - Study Group 15	2016	ITU-T	0
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1694	Y.1331	Interfaces for the optical transport network - Study Group 15	2016	ITU-T	0
1695	Q.4007.1	Explicit communication transfer using IP multimedia core network subsystem; Conformance testing Part 1: Network side and user side; Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1696	X.691 CORR 1	Information technology ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) Technical Corrigendum 1 - Study Group 17	2016	ITU-T	0
1697	L.1600	Overview of key performance indicators in smart sustainable cities - Study Group 5	2016	ITU-T	0
1698	Y.2078	Application support models of the Internet of things - Study Group 13	2016	ITU-T	0
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1700	SERIES Y SUPP 34	ITU-T Y.4000 series Smart sustainable cities - Setting the stage for stakeholders engagement - Study Group 20	2016	ITU-T	0
1701	G.663 AMD 1	Application-related aspects of optical amplifier devices and subsystems Amendment 1 - Study Group 15	2016	ITU-T	0
1702	G.9807.1	10-Gigabit-capable symmetric passive optical network (XGS-PON) - Study Group 15	2016	ITU-T	0
1703	G.8265.1 CORR 1	Precision time protocol telecom profile for frequency synchronization Corrigendum 1 - Study Group 15	2016	ITU-T	0
1704	F.745	Functional requirements for network-based speech-to-speech translation services - Study Group 16	2016	ITU-T	0
1705	Q.3619	Communication HOLD using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1706	Y.1381 CORR 1	Characteristics of MPLS-TP equipment functional blocks Corrigendum 1 - Study Group 15	2016	ITU-T	0

1707	Q.1743	IMT-Advanced references to Release 11 of LTE-Advanced evolved packet core network - Study Group 13	2016	ITU-T	0
1708	P.912	Subjective video quality assessment methods for recognition tasks - Study Group 9	2016	ITU-T	0
1709	Y.1361 CORR 1	Timing and synchronization aspects in packet networks Corrigendum 1 - Study Group 15	2016	ITU-T	0
1710	Y.1308 AMD 2	Ethernet UNI and Ethernet NNI Amendment 2 - Study Group 15	2016	ITU-T	0
1711	G.959.1	Optical transport network physical layer interfaces - Study Group 15	2016	ITU-T	0
1712	J.230	Requirements for platform functionalities on the integration of cable STB and companion devices including mobile second screen devices - Study Group 9	2016	ITU-T	0
1713	SERIES Y SUPP 37	ITU-T 4050-Y.4099 Definition for smart sustainable city - Study Group 20	2016	ITU-T	0
1714	Q.4008.2	Malicious communication identification using IP multimedia core network subsystem; Conformance test specification Part 2: Test suite structure and test purposes; Network side - Study Group 11	2016	ITU-T	0
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1717	Q.3628	Anonymous communication rejection and communication barring using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
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1719	Y.4900	Overview of key performance indicators in smart sustainable cities - Study Group 5	2016	ITU-T	0
1720	Q.4008.3	Malicious communication identification using IP multimedia core network subsystem; Conformance test specification Part 3: Test suite structure and test purposes; User side - Study Group 11	2016	ITU-T	0
1721	G.709 AMD 1	Interfaces for the optical transport network - Study Group 15	2016	ITU-T	0
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1727	Q.3711	Signalling requirements for software-defined broadband access network - Study Group 11	2016	ITU-T	0
1728	Y.2085	Distributed service networking service routing - Study Group 13	2016	ITU-T	0
1729	G.993.5 CORR 1	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers Corrigendum 1 - Study Group 15	2016	ITU-T	0
1730	SERIES L SUPP 22	ITU-T L.1700 Low-cost sustainable telecommunication for rural communications in developing countries using fibre optic cable - Study Group 5	2016	ITU-T	0
1731	Q.4003.1	Communication HOLD using IP multimedia core network subsystem; Conformance Testing Part 1: Network side and user side; Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
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1739	G.993.2 AMD 2	Very high speed digital subscriber line transceivers 2 (VDSL2) Amendment 2 - Study Group 15	2016	ITU-T	0

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1749	Y.1381.2	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms - Study Group 15	2016	ITU-T	0
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1752	Q.3228	Signalling requirements and protocol at the M1 interface between the transport location management physical entity and the mobile location management physical entity (P) - Study Group 11	2016	ITU-T	0
1753	SERIES Y SUPP 42	Use cases of user-centric work space service - Study Group 20	2016	ITU-T	0
1754	P.913	Methods for the subjective assessment of video quality, audio quality and audiovisual quality of Internet video and distribution quality television in any environment - Study Group 9	2016	ITU-T	0
1755	X.1500 AMD 9	Overview of cybersecurity information exchange Amendment 9: Revised structured cybersecurity information exchange techniques - Study Group 17	2016	ITU-T	0
1756	H.723	IPTV terminal device: Mobile model - Study Group 16	2016	ITU-T	0
1757	G.8131 AMD 1	Linear protection switching for MPLS transport profile Amendment 1 - Study Group 15	2016	ITU-T	0
1758	X.1038	Security requirements and reference architecture for software-defined networking - Study Group 17	2016	ITU-T	0
1759	Q.3620	Communication diversion using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1760	G.799.1	Functionality and interface specifications for GSTN transport network equipment for interconnecting GSTN and IP networks - Study Group 16	2016	ITU-T	0
1761	L.1601	Key performance indicators related to the use of information and communication technology in smart sustainable cities - Study Group 5	2016	ITU-T	0
1762	J.196.1	Functional requirements for second generation HiNoC - Study Group 9	2016	ITU-T	0
1763	Y.1369.2	Internet protocol aspects Transport Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network - Study Group 15	2016	ITU-T	0
1764	Y.1362 CORR 1	Timing characteristics of synchronous Ethernet equipment slave clock Corrigendum 1 - Study Group 15	2016	ITU-T	0
1765	J.1011	Embedded common interface for exchangeable CA/DRM solutions; Architecture, definitions and overview - Study Group 9	2016	ITU-T	0
1766	E.804 NOTE	Quality of service aspects for popular services in mobile networks - Study Group 12	2016	ITU-T	0
1767	H.273	Coding-independent code points for video signal type identification - Study Group 16	2016	ITU-T	0
1768	SERIES L SUPP 24	ITU-T L.1500 Overview of climate change effects and possible impacts - Study Group 5	2016	ITU-T	0
1769	Y.3322	Functional architecture for NICE implementation making use of software-defined networking technologies - Study Group 13	2016	ITU-T	0
1770	Y.2239	Requirements for information control networks and related applications - Study Group 13	2016	ITU-T	0

1771	Q.4010.1	Message waiting indication using IP multimedia core network subsystem Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1772	G.1028 IMP	End-to-end Qos for voice over 4G mobile networks	2016	ITU-T	0
1773	Q.3941.1	Network integration testing between SIP and ISDN/PSTN network signalling protocols Part 1: Test suite structure and test purposes for SIP-ISDN - Study Group 11	2016	ITU-T	0
1774	Y.4901	Key performance indicators related to the use of information and communication technology in smart sustainable cities - Study Group 5	2016	ITU-T	0
1775	L.155	Low impact trenching technique for FTTx networks - Study Group 15	2016	ITU-T	0
1776	SERIES L SUPP 29	ITU-T L.1700 Low-cost sustainable telecommunication for rural communications in developing countries using cellular radio technologies - Study Group 5	2016	ITU-T	0
1777	Q.4009.1	Completion of communications to busy subscriber and completion of communications by no reply using IP multimedia core network subsystem; Conformance test specification Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1778	X.1257	Identity and access management taxonomy - Study Group 17	2016	ITU-T	0
1779	G.654	Characteristics of a cut-off shifted single-mode optical fibre and cable - Study Group 15	2016	ITU-T	0
1780	G.7710 AMD 1	Common equipment management function requirements Amendment 1 - Study Group 15	2016	ITU-T	0
1781	X.509 CORR 3	Information technology Open Systems Interconnection The Directory: Public-key and attribute certificate frameworks Technical Corrigendum 3 - Study Group 17	2016	ITU-T	0
1782	G.997.2 CORR 2	Physical layer management for G.fast transceivers Corrigendum 2 - Study Group 15	2016	ITU-T	0
1783	Z.100 ANNEX F3	Specification and Description Language Overview of SDL-2010 Annex F3: SDL-2010 formal definition: Dynamic semantics - Study Group 17	2016	ITU-T	0
1784	Y.1375	Protocol-neutral management information model for the MPLS-TP network element - Study Group 15	2016	ITU-T	0
1785	Z.107	Specification and Description Language - Object-oriented data in SDL-2010 - Study Group 17	2016	ITU-T	0
1786	J.223.1	Functional requirements for Cabinet DOCSIS (C-DOCSIS) - Study Group	2016	ITU-T	0
1787	Y.1381.1	Internet protocol aspects Transport Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms - Study Group 15	2016	ITU-T	0
1788	P.800.2	Mean opinion score interpretation and reporting - Study Group 12	2016	ITU-T	0
1789	J.302	System specifications of augmented reality smart television service - Study Group 9	2016	ITU-T	0
1790	SERIES Y SUPP 28	ITU-T Y.4550 series - Smart sustainable cities - Integrated management - Study Group 20	2016	ITU-T	0
1791	P.1305	Effect of delays on telemeeting quality - Study Group 12	2016	ITU-T	0
1792	L.1503	Use of information and communication technology for climate change adaptation in cities - Study Group 5	2016	ITU-T	0
1793	Y.3504	Functional architecture for Desktop as a Service - Study Group 13	2016	ITU-T	0
1794	Q.4003.2	Communication HOLD using IP multimedia core network subsystem; Conformance testing Part 2: Network side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1795	G.652	Characteristics of a single-mode optical fibre and cable - Study Group 15	2016	ITU-T	0
1796	Y.4113	Requirements of the network for the Internet of things - Study Group 20	2016	ITU-T	0
1797	K.64	Safe working practices for outside equipment installed in particular environments - Study Group 5	2016	ITU-T	0
1798	Y.1382 AMD 2	Linear protection switching for MPLS transport profile Amendment 2 - Study Group 15	2016	ITU-T	0
1799	Y.3521	Overview of end-to-end cloud computing management - Study Group 13	2016	ITU-T	0
1800	G.979	Characteristics of monitoring systems for optical submarine cable systems - Study Group 15	2016	ITU-T	0
1801	Y.1381	Internet protocol aspects Transport Characteristics of MPLS-TP equipment functional blocks - Study Group 15	2016	ITU-T	0
1802	A.5	Generic procedures for including references to documents of other organizations in ITU-T Recommendations - Study Group TSAG	2016	ITU-T	0

1803	Q.3621	CONF using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1804	G.987.1	10-Gigabit-capable passive optical networks (XG-PON): General requirements - Study Group 15	2016	ITU-T	0
1805	L.1602	Key performance indicators related to the sustainability impacts of information and communication technology in smart sustainable cities - Study Group 5	2016	ITU-T	0
1806	Q.3052	Overview of application programming interfaces and protocols for the machine-to-machine service layer - Study Group 11	2016	ITU-T	0
1807	G.1071	Opinion model for network planning of video and audio streaming applications - Study Group 12	2016	ITU-T	0
1808	H.742.0	Use of video sensor devices for IPTV services: Architecture and requirements - Study Group 16	2016	ITU-T	0
1809	X.1039	Technical security measures for implementation of ITU-T X.805 security dimensions - Study Group 17	2016	ITU-T	0
1810	Y.1376	Timing characteristics of telecom grandmaster clocks for frequency synchronization - Study Group 15	2016	ITU-T	0
1811	Y.1331 AMD 1	Interfaces for the optical transport network Amendment 1 - Study Group 15	2016	ITU-T	0
1812	G.989.2 AMD 1	40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification Amendment 1 - Study Group 15	2016	ITU-T	0
1813	P.916	Information and guidelines for assessing and minimizing visual discomfort and visual fatigue from 3D video - Study Group 9	2016	ITU-T	0
1814	Y.1369 AMD 2	Internet protocol aspects Transport Architecture and requirements for packet-based time and phase distribution Amendment 2 - Study Group 15	2016	ITU-T	0
1815	Y.1372.1 CORR 1	Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks Corrigendum 1 - Study Group 15	2016	ITU-T	0
1816	M.3070	Overview of end-to-end cloud computing management - Study Group 13	2016	ITU-T	0
1817	K.121	Guidance on the environmental management for compliance with radio frequency EMF limits for radiocommunication base stations - Study Group 5	2016	ITU-T	0
1818	Q.4009.2	Completion of communications to busy subscriber and completion of communications by no reply using IP multimedia core network subsystem; Conformance test specification Part 2: Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1819	Y.4902	Key performance indicators related to the sustainability impacts of information and communication technology in smart sustainable cities - Study Group 5	2016	ITU-T	0
1820	Q.3941.5	Network integration testing between SIP and ISDN/PSTN network signalling protocols Part 5: TSS&TP for network integration tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI - Study Group 11	2016	ITU-T	0
1821	Y.4112	Requirements of the plug and play capability of the Internet of things - Study Group 13	2016	ITU-T	0
1822	T.832	Information technology JPEG XR image coding system Image coding specification - Study Group 16	2016	ITU-T	0
1823	Y.3510	Cloud computing infrastructure requirements - Study Group 13	2016	ITU-T	0
1824	X.609.2	Managed P2P communications: Overlay resource control protocol (ORCP) - Study Group 11	2016	ITU-T	0
1825	Q.3404	Signalling requirements for NGN real-time multimedia services supporting IPv6 transition - Study Group 11	2016	ITU-T	0
1826	Y.1702	Generic protocol-neutral information model for transport resources - Study Group 15	2016	ITU-T	0
1827	SERIES A SUPP 5	Guidelines for collaboration and exchange of information with other organizations - Study Group TSAG	2016	ITU-T	0
1828	G.8012 AMD 2	Ethernet UNI and Ethernet NNI Amendment 2 - Study Group 15	2016	ITU-T	0
1829	SERIES H SUPP 4	Repository of generic parameters for ITU-T H.460.x sub-series Recommendations - Study Group	2016	ITU-T	0
1830	L.162	Microduct technology and its applications - Study Group 15	2016	ITU-T	0
1831	G.8260 AMD 1	(Pre-Published) Definitions and terminology for synchronization in packet networks Amendment 1	2016	ITU-T	0
1832	H.248.66	Gateway control protocol: Packages for RTSP and ITU-T H.248 interworking - Study Group 16	2016	ITU-T	0
1833	SERIES L SUPP 32	Supplement for eco-specifications and rating criteria for mobile phones eco-rating programmes - Study Group 5	2016	ITU-T	0
1834	G.657	Characteristics of a bending-loss insensitive single-mode optical fibre and cable for the access network - Study Group 15	2016	ITU-T	0
1835	L.1350	Energy efficiency metrics of a base station site - Study Group 5	2016	ITU-T	0

1836	Z.111	Notations and guidelines for the definition of ITU-T languages	2016	ITU-T	0
1837	J.288	Encapsulation of type length value (TLV) packet for cable transmission systems - Study Group 9	2016	ITU-T	0
1838	SERIES L SUPP 4	Guidelines for developing a sustainable e-waste management system - Study Group 5	2016	ITU-T	0
1839	Q.4007.2	Explicit communication transfer using IP multimedia core network subsystem; Conformance testing Part 2: Network side; Test structure and test purposes - Study Group 11	2016	ITU-T	0
1840	P.10 IMP AMD 4	Implementerâ_s Guide to Recommendation ITU-T P.10/G.100 Amd.4 - Study Group 12	2016	ITU-T	0
1841	G.9960 AMD 2	Unified high-speed wireline-based home networking transceivers System architecture and physical layer specification Amendment 2 - Study Group 15	2016	ITU-T	0
1842	H.703	Enhanced user interface framework for IPTV terminal devices - Study Group 16	2016	ITU-T	0
1843	Q.4003.3	Communication HOLD using IP multimedia core network subsystem; Conformance testing Part 3: User side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1844	Y.4451	Framework of constrained device networking in the IoT environments - Study Group 20	2016	ITU-T	0
1845	Y.1344 AMD 1	Ethernet ring protection switching Amendment 1 - Study Group 15	2016	ITU-T	0
1846	K.75	Classification of interface for application of standards on resistibility and safety of telecommunication equipment - Study Group 5	2016	ITU-T	0
1847	L.1102	Use of printed labels for communicating information on rare metals in information and communication technology goods - Study Group 5	2016	ITU-T	0
1848	G.8052	Protocol-neutral management information model for the Ethernet transport capable network element - Study Group 15	2016	ITU-T	0
1849	Y.2077	Requirements of the plug and play capability of the Internet of things - Study Group 13	2016	ITU-T	0
1850	Y.1381.2 CORR 1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms Corrigendum 1 - Study Group 15	2016	ITU-T	0
1851	SERIES X SUPP 25	ITU-T X.1231 Supplement on guidance to assist in countering spam for mobile phone developers - Study Group 17	2016	ITU-T	0
1852	G.806 CORR 2	Characteristics of transport equipment Description methodology and generic functionality Corrigendum 2 - Study Group 15	2016	ITU-T	0
1853	G.8101	Terms and definitions for MPLS transport profile - Study Group 15	2016	ITU-T	0
1854	Q.3622	Communication waiting using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1855	H.248.50	Gateway control protocol: NAT traversal toolkit packages - Study Group 16	2016	ITU-T	0
1856	Q.4004.1	Communication diversion using IP multimedia core network subsystem; Conformance testing Part 1: Network side and user side, Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1857	J.195.1	Functional requirements for high speed transmission over coaxial networks connected with fibre to the building - Study Group 9	2016	ITU-T	0
1858	Y.1381.1 CORR 1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms Corrigendum 1 - Study Group 15	2016	ITU-T	0
1859	P.800.1	Mean opinion score (MOS) terminology - Study Group 12	2016	ITU-T	0
1860	Z.100	Specification and Description Language Overview of SDL-2010 - Study Group 17	2016	ITU-T	0
1861	K.122	Exposure levels in close proximity of radiocommunication antennas - Study Group 5	2016	ITU-T	0
1862	G.9701 AMD 2	Fast access to subscriber terminals (G.fast) Physical layer specification Amendment 2 - Study Group 15	2016	ITU-T	0
1863	Y.4411	Overview of application programming interfaces and protocols for the machine-to-machine service layer - Study Group 11	2016	ITU-T	0
1864	Y.2330	Requirements of next generation network evolution for supporting freedata service - Study Group 13	2016	ITU-T	0
1865	T.835	Information technology JPEG XR imagecoding system Reference software - Study Group 16	2016	ITU-T	0
1866	G.9961 CORR 2	Unified high-speed wire-line based home networking transceivers Data link layer specification Corrigendum 2 - Study Group 15	2016	ITU-T	0
1867	G.972	Definition of terms relevant to optical fibre submarine cable systems - Study Group 15	2016	ITU-T	0

1868	X.518	Information technology Open Systems Interconnection The Directory: Procedures for distributed operation - Study Group 17	2016	ITU-T	0
1869	Q.4001.1	IMS specific use of session initiation protocol and session description protocol; Conformance testing Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1870	Q.4011.1	Closed user group using IP multimedia core network subsystem; Conformance test specification Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1871	Y.4903	Key performance indicators for smart sustainable cities to assess the achievement of sustainable development goals - Study Group 5	2016	ITU-T	0
1872	SERIES L SUPP 33	Assessment of energy consumption of information and communication technology services - Study Group 5	2016	ITU-T	0
1873	Z.100 ANNEX F2	Specification and Description Language â__ Overview of SDL-2010 Annex F2: SDL-2010 formal definition: Static semantics - Study Group 17	2016	ITU-T	0
1874	Y.4553	Requirements of smartphone as sink node for IoT applications and services - Study Group 20	2016	ITU-T	0
1875	G.8113.1 CORR 1	Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks Corrigendum 1 - Study Group 15	2016	ITU-T	0
1876	G.811 AMD 1	Timing characteristics of primary reference clocks Amendment 1 - Study Group 13	2016	ITU-T	0
1877	L.1006	Test suites for assessment of the external universal power adapter solutions for stationary information and communication technology devices - Study Group 5	2016	ITU-T	0
1878	SERIES K SUPP 5	ITU-T K.81 Estimation examples of the high-power electromagnetic threat and vulnerability for telecommunication systems - Study Group 5	2016	ITU-T	0
1879	G.870	Terms and definitions for optical transport networks - Study Group 15	2016	ITU-T	0
1880	Y.4452	(Pre-Published) Functional framework of Web of Objects	2016	ITU-T	0
1881	Q.4015.1	Interworking between the IP multimedia core network subsystem and circuit switched networks; Conformance testing Part 1: Protocol implementation conformance statement - Study Group 11	2016	ITU-T	0
1882	G.8113.1	Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks - Study Group 15	2016	ITU-T	0
1883	Q.4007.3	Explicit communication transfer using IP multimedia core network subsystem; Conformance testing Part 3: User side; Test suite structure and test purposes - Study Group 11	2016	ITU-T	0
1884	P.807	Subjective test methodology for assessing speech intelligibility - Study Group 12	2016	ITU-T	0
1885	G.997.2 CORR 1	Physical layer management for G.fast transceivers Corrigendum 1 - Study Group 15	2016	ITU-T	0
1886	SERIES J SUPP 6	Transmission of ultra high definition television over cable with functions defined in Recommendations ITU-T J.183, ITU-T J.288 and ITU-T J.94 - Study Group 9	2016	ITU-T	0
1887	G.9961 AMD 2	(Pre-Published) Unified high-speed wireline-based home networking transceivers Data link layer specification Amendment 2	2016	ITU-T	0
1888	K.57	Protection measures for radio base stations sited on power line towers - Study Group 5	2016	ITU-T	0
1889	G.8152	Protocol-neutral management information model for the MPLS-TP network element - Study Group 15	2016	ITU-T	0
1890	K.78	High altitude electromagnetic pulse immunity guide for telecommunication centres - Study Group 5	2016	ITU-T	0
1891	J.1006	Specification of IP-VoD DRM for cable television multiscreen system in multi-DRM environment - Study Group 9	2016	ITU-T	0
1892	Z.169	Testing and Test Control Notation version 3: Using XML schema with TTCN-3 - Study Group 17	2016	ITU-T	0
1893	X.1247	Technical framework for countering mobile messaging spam - Study Group 17	2016	ITU-T	0
1894	A.1	Working methods for study groups of the ITU Telecommunication Standardization Sector - Study Group TSAG	2016	ITU-T	0
1895	Y.1564	Ethernet service activation test methodology - Study Group 12	2016	ITU-T	0
1896	SERIES X SUPP 26	ITU-T X.1111 Supplement on security functional architecture for smart grid services using telecommunication networks - Study Group 17	2016	ITU-T	0
1897	Q.3231	Signalling requirements and protocol at the Ne interface between the transport location management physical entity and the network access configuration physical entity - Study Group 11	2016	ITU-T	0

1898	SERIES E SUPP 10	ITU-T E.800 series QoS/QoE framework for the transition from network oriented to service oriented operations	2016	ITU-T	0
1899	Q.3623	Explicit communication transfer using IP multimedia core network subsystem Protocol specification - Study Group 11	2016	ITU-T	0
1900	Y.1365.1 CORR 1	Precision time protocol telecom profile for frequency synchronization Corrigendum 1 - Study Group 15	2016	ITU-T	0
1901	G.8121 CORR 1	Characteristics of MPLS-TP equipment functional blocks Corrigendum 1 - Study Group 15	2016	ITU-T	0
1902	K.93	Immunity of home network devices to electromagnetic disturbances - Study Group 5	2016	ITU-T	0
1903	M.3170.2 AMD 1	Multi-technology network management: Information agreement (TMF608) Amendment 1: Upgrade to MTNM Release 3.5 - Study Group 4	2015	ITU-T	0
1904	G.993.5	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers - Study Group 15	2015	ITU-T	0
1905	H.833	Conformance of ITU-T H.810 personal health devices: WAN interface Part 3: SOAP/ATNA: Sender - Study Group 16	2015	ITU-T	0
1906	L.59 AMD 1	Optical fibre cables for indoor applications Amendment 1: New appendix on low friction indoor cable and wiring (Japanese experience) - Study Group 15	2015	ITU-T	0
1907	G.107	The E-model: a computational model for use in transmission planning - Study Group 12	2015	ITU-T	0
1908	H.741.2 CORR 1	IPTV application event handling: Data structures of audience measurement for IPTV services Corrigendum 1: Correction on XML namespaces in Appendix I - Study Group 16	2015	ITU-T	0
1909	Y.3035	Service universalization in future networks - Study Group 13	2015	ITU-T	0
1910	L.1330	Energy efficiency measurement and metrics for telecommunication networks - Study Group 5	2015	ITU-T	0
1911	Y.2320	Requirements for virtualization of control network entities in next generation network evolution - Study Group 13	2015	ITU-T	0
1912	F.743.1	Requirements for intelligent visual surveillance - Study Group 16	2015	ITU-T	0
1913	F.748.2	Machine socialization: Overview and reference model - Study Group 16	2015	ITU-T	0
1914	SERIES L SUPP 16	(Pre-Published) Supplement to ITU-T L-series L.1500 Smart water management in cities	2015	ITU-T	0
1915	SERIES L SUPP 15	ITU-T L.1500 series Requirements for water sensing and early warning systems - Study Group 5	2015	ITU-T	0
1916	Q.3615	Protocol for GeoSMS - Study Group 11	2015	ITU-T	0
1917	L.10	Optical fibre cables for duct and tunnel application - Study Group 15	2015	ITU-T	0
1918	H.248.97	Gateway control protocol: ITU-T H.248 support for control of SCTP bearer connections - Study Group 16	2015	ITU-T	0
1919	H.772	IPTV terminal device discovery - Study Group 16	2015	ITU-T	0
1920	G.993.2 AMD 6	(Pre-Published) Very high speed digital subscriber line transceivers 2 (VDSL2) Amendment 6	2015	ITU-T	0
1921	Q.3932.2	IMS/NGN performance benchmark Part 2: Subsystem configurations and benchmarks - Study Group 11	2015	ITU-T	0
1922	SERIES K SUPP 3	ITU-T K.20, K.21, K.45, K.82 Additional criteria to protect telecommunication cabling during a power cross event - Study Group 5	2015	ITU-T	0
1923	Q.3932.3	IMS/NGN performance benchmark Part 3: Traffic sets and traffic profiles - Study Group 11	2015	ITU-T	0
1924	H.248.41	Gateway control protocol: IP domain connection package - Study Group 16	2015	ITU-T	0
1925	L.1440	Methodology for environmental impact assessment of information and communication technologies at city level - Study Group 5	2015	ITU-T	0
1926	X.693	Information technology ASN.1 encoding rules: XML Encoding Rules (XER) - Study Group 17	2015	ITU-T	0
1927	M.3170.1 AMD 1	Multi-technology network management: Business agreement (TMF513) Amendment 1: Upgrade to MTNM Release 3.5 - Study Group 4	2015	ITU-T	0
1928	G.989	40-Gigabit-capable passive optical networks (NG-PON2): Definitions, abbreviations and acronyms - Study Group 15	2015	ITU-T	0
1929	Q.3942.3	Conformance test specification for the terminating identification restriction using IP multimedia core network subsystem Part 3: User side; Test suite structure and test purposes - Study Group 11	2015	ITU-T	0
1930	Y.1371	Interfaces for the MPLS transport profile layer network - Study Group 15	2015	ITU-T	0

1931	T.24	Standardized digitized image set - Study Group 16	2015	ITU-T	0
1932	G.9960	Unified high-speed wireline-based home networking transceivers System architecture and physical layer specification - Study Group 15	2015	ITU-T	0
1933	G.824 CORR 1	The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy Corrigendum 1 - Study Group 15	2015	ITU-T	0
1934	G.8031	Ethernet linear protection switching - Study Group 15	2015	ITU-T	0
1935	K.106	Techniques to mitigate interference between radio devices and cable or equipment connected to wired broadband networks and cable television networks - Study Group 5	2015	ITU-T	0
1936	SERIES Q SUPP 67	Framework of signalling for software-defined networking - Study Group 11	2015	ITU-T	0
1937	X.227 BIS CORR 1	Information technology Open Systems Interconnection Connection-mode protocol for the Application Service Object Association Control Service Element Corrigendum 1 - Study Group 17	2015	ITU-T	0
1938	X.675	OID-based resolution framework for heterogeneous identifiers and locators - Study Group 17	2015	ITU-T	0
1939	G.989.3	40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification - Study Group 15	2015	ITU-T	0
1940	F.747.8	Requirements and reference architecture for audience-selectable media service framework in the IoT environment - Study Group 16	2015	ITU-T	0
1941	H.770	Mechanisms for service discovery and selection for IPTV services - Study Group 16	2015	ITU-T	0
1942	J.1102	Interface specifications for IP-based switched digital video using DOCSIS - Study Group 9	2015	ITU-T	0
1943	H.248.95	Gateway control protocol: ITU-T H.248 support for RTP multiplexing - Study Group 16	2015	ITU-T	0
1944	G.100.1	The use of the decibel and of relative levels in speechband telecommunications - Study Group 12	2015	ITU-T	0
1945	Q.3616	Communication diversion protocol specification as an NGN supplementary service - Study Group 11	2015	ITU-T	0
1946	Q.3932.1	IMS/NGN performance benchmark Part 1: Core concept - Study Group 11	2015	ITU-T	0
1947	K.115	Mitigation methods against electromagnetic security threats - Study Group 5	2015	ITU-T	0
1948	X.692	Information technology ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) - Study Group 17	2015	ITU-T	0
1949	Y.1367	Timing characteristics of primary reference time clocks - Study Group 15	2015	ITU-T	0
1950	Y.1372.2	Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS - Study Group 15	2015	ITU-T	0
1951	SERIES Y SUPP 38	ITU-T Y.4050-Y.4099 Smart sustainable cities an analysis of definitions - Study Group 5	2015	ITU-T	0
1952	M.3170.0 AMD 1	Multi-technology network management - Introduction and supporting documentation Amendment 1: Upgrade to MTNM Release 3.5 - Study Group 4	2015	ITU-T	0
1953	Y.1731	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernetbased networks - Study Group 15	2015	ITU-T	0
1954	G.873.2	ODUk shared ring protection - Study Group 15	2015	ITU-T	0
1955	P.1201.2 NOTE	Parametric non-intrusive assessment of audiovisual media streaming quality Higher resolution application area - Study Group 12	2015	ITU-T	0
1956	SERIES Y SUPP 26	ITU-T Y.2600-series Scenario and requirements of reconfigurable networking based on minimum network functions and network polymorphism in future packet based networks - Study Group 13	2015	ITU-T	0
1957	K.104	Method for identifying the transfer potential of the earth potential rise from high or medium voltage networks to the earthing system or neutral of low voltage networks - Study Group 5	2015	ITU-T	0
1958	H.460.22	Negotiation of security protocols to protect ITU-T H.225.0 call signalling messages - Study Group 16	2015	ITU-T	0
1959	X.226 CORR 1	Information Technology Open Systems Interconnection Connection-Oriented Presentation Protocol: Protocol Specification Corrigendum 1 - Study Group 17	2015	ITU-T	0
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1961	G.650.2	Definitions and test methods for statistical and non-linear related attributes of single-mode fibre and cable - Study Group 15	2015	ITU-T	0

1962	J.1005	Architecture and requirements of digital rights management (DRM) for cable television multiscreen - Study Group 9	2015	ITU-T	0
1963	K.113	Generation of radio-frequency electromagnetic field level maps - Study Group 5	2015	ITU-T	0
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1965	SERIES L SUPP 13	ITU-T L.1410 Case study: A hybrid approachbased comparative analysis of the environmental impact of a baseline data centre and an energy-efficient data centre - Study Group 5	2015	ITU-T	0
1966	H.248.94	Gateway control protocol: Web-based real-time communication services ITU-T H.248 protocol support and profile guidelines - Study Group 16	2015	ITU-T	0
1967	H.838	Conformance of ITU-T H.810 personal health devices: WAN interface Part 8: Consent Management: Receiver - Study Group 16	2015	ITU-T	0
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1969	Q.3931.4	Performance benchmark for the PSTN/ISDN emulation subsystem of an IP multimedia system Part 4: Reference load network quality parameters - Study Group 11	2015	ITU-T	0
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1975	X.691	Information technology ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) - Study Group 17	2015	ITU-T	0
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1978	Y.2070	Requirements and architecture of the home energy management system and home network services - Study Group 13	2015	ITU-T	0
1979	Y.1344	Ethernet ring protection switching - Study Group 15	2015	ITU-T	0
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1981	SERIES Y SUPP 36	ITU-T Y.4550-Y.4699 Smart water management in cities - Study Group 20	2015	ITU-T	0
1982	P.834	Methodology for the derivation of equipment impairment factors from instrumental models - Study Group 12	2015	ITU-T	0
1983	Y.3520	Cloud computing framework for end to end resource management - Study Group 13	2015	ITU-T	0
1984	Y.1367 NOTE	Timing characteristics of primary reference time clocks	2015	ITU-T	0
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1986	G.9802 AMD 1	Multiple-wavelength passive optical networks (MW-PONs) Amendment 1	2015	ITU-T	0
1987	L.25	Optical fibre cable network maintenance - Study Group 15	2015	ITU-T	0
1988	K.111	Protection of surrounding structures of telecommunication towers against lightning - Study Group 5	2015	ITU-T	0
1989	Y.2238	Overview of Smart Farming based on networks - Study Group 13	2015	ITU-T	0
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1992	H.248 IMP	Implementorsâ Guide for the H.248 Sub-series of Recommendations (âMedia Gateway Control Protocolâ) - Study Group 16	2015	ITU-T	0
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1996	K.110	Lightning protection of the dedicated transformer for radio base station - Study Group 5	2015	ITU-T	0
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2001	X.1601	Security framework for cloud computing - Study Group 17	2015	ITU-T	0
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2010	G.9960 CORR 1	Unified high-speed wireline-based home networking transceivers System architecture and physical layer specification Corrigendum 1 - Study Group 15	2015	ITU-T	0
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2016	K.105	Lightning protection of photovoltaic power supply systems feeding radio base stations - Study Group 5	2015	ITU-T	0
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2018	K.116	Electromagnetic compatibility requirements and test methods for radio telecommunication terminal equipment - Study Group 5	2015	ITU-T	0
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2021	L.1502	Adapting information and communication technology infrastructure to the effects of climate change - Study Group 5	2015	ITU-T	0
2022	H.721	IPTV terminal devices: Basic model - Study Group 16	2015	ITU-T	0
2023	L.1321	Reference operational model and interface for improving energy efficiency of ICT network hosts - Study Group 5	2015	ITU-T	0
2024	X.1341	Certified mail transport and certified post office protocols - Study Group 17	2015	ITU-T	0
2025	Y.3600	Big data Cloud computing based requirements and capabilities - Study Group 13	2015	ITU-T	0
2026	G.8112	Interfaces for the MPLS transport profile layer network - Study Group 15	2015	ITU-T	0
2027	SERIES Y SUPP 39	ITU-T Y.4900 Series Key performance indicators definitions for smart sustainable cities - Study Group 5	2015	ITU-T	0
2028	X.683	Information technology Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications - Study Group 17	2015	ITU-T	0

2029	Y.1374	Management aspects of the MPLS-TP network element - Study Group 15	2015	ITU-T	0
2030	Y.3034	Architecture for interworking of heterogeneous component networks in ID/locator split-based future networks - Study Group 13	2015	ITU-T	0
2031	L.1302	Assessment of energy efficiency on infrastructure in data centres and telecom centres - Study Group 5	2015	ITU-T	0
2032	X.609	Managed peer-to-peer (P2P) communications: Functional architecture - Study Group 11	2015	ITU-T	0
2033	G.9961 AMD 1	Unified high-speed wire-line based home networking transceivers Data link layer specification Amendment 1 - Study Group 15	2015	ITU-T	0
2034	X.1163	Security requirements and mechanisms of peerto- peer-based telecommunication networks - Study Group 17	2015	ITU-T	0
2035	Y.4413	Requirements and reference architecture of the machine-to-machine service layer - Study Group 16	2015	ITU-T	0
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2037	Y.2303	Network intelligence capability enhancement Awareness functional architecture - Study Group 13	2015	ITU-T	0
2038	G.8260	Definitions and terminology for synchronization in packet networks - Study Group 15	2015	ITU-T	0
2039	Y.1369 AMD 1	Architecture and requirements for packet-based time and phase distribution Amendment 1 - Study Group 15	2015	ITU-T	0
2040	G.8262	Timing characteristics of synchronous Ethernet equipment slave clock - Study Group 15	2015	ITU-T	0
2041	G.9959	Short range narrow-band digital radiocommunication transceivers - PHY, MAC, SAR and LLC layer specifications - Study Group 15	2015	ITU-T	0
2042	Q.3933	Reference benchmarking, background traffic profiles and KPIs for VoIP and FoIP in fixed networks - Study Group 11	2015	ITU-T	0
2043	X.695	Information technology ASN.1 encoding rules: Registration and application of PER encoding instructions - Study Group 17	2015	ITU-T	0
2044	Y.2029	A multi-path transmission control in multi-connection - Study Group 13	2015	ITU-T	0
2045	G.8201 CORR 1	Error performance parameters and objectives for multi-operator international paths within optical transport networks Corrigendum 1 - Study Group 15	2015	ITU-T	0
2046	L.94	Use of global navigation satellite systems to create a referenced network map - Study Group 15	2015	ITU-T	0
2047	K.98 CORR 1	(Pre-Published) Overvoltage protection guide for telecommunications equipment installed in a customer premises Corrigendum 1	2015	ITU-T	0
2048	G.977	Characteristics of optically amplified optical fibre submarine cable systems - Study Group 15	2015	ITU-T	0
2049	H.835	Conformance of ITU-T H.810 personal health devices: WAN interface Part 5: PCD-01 HL7 messages: Sender - Study Group 16	2015	ITU-T	0
2050	G.995.2	Enhanced common mode limits and measurement methods for customer premises equipment operating on copper pairs - Study Group 15	2015	ITU-T	0
2051	K.59	Electromagnetic compatibility, resistibility and safety requirements and procedures for connection to unbundled cables - Study Group 5	2015	ITU-T	0
2052	K.109	Installation of telecommunication equipment on utility poles - Study Group 5	2015	ITU-T	0
2053	P.834.1	Extension of the methodology for the derivation of equipment impairment factors from instrumental models for wideband speech codecs - Study Group 12	2015	ITU-T	0
2054	G.168	Digital network echo cancellers - Study Group 16	2015	ITU-T	0
2055	X.1157	Technical capabilities of fraud detection and response for services with high assurance level requirements - Study Group 17	2015	ITU-T	0
2056	X.682	Information technology Abstract Syntax Notation One (ASN.1): Information object specification - Study Group 17	2015	ITU-T	0
2057	Y.2068	Functional framework and capabilities of the Internet of things - Study Group 13	2015	ITU-T	0
2058	G.997.2	Physical layer management for G.fast transceivers - Study Group 15	2015	ITU-T	0
2059	L.1301	Minimum data set and communication interface requirements for data centre energy management - Study Group 5	2015	ITU-T	0
2060	SERIES L SUPP 17	ITU-T L.1600 series Definition for smart sustainable city - Study Group 5	2015	ITU-T	0
2061	SERIES G SUPP 57	Smart home profiles for 6LoWPAN devices - Study Group 15	2015	ITU-T	0

2062	G.9960 AMD 1	Unified high-speed wire-line based home networking transceivers System architecture and physical layer specification Amendment 1 - Study Group 15	2015	ITU-T	0
2063	G.9963	Unified high-speed wireline-based home networking transceivers Multiple input/multiple output specification - Study Group 15	2015	ITU-T	0
2064	H.460.27	End-to-end session identifier for ITU-T H.323 systems - Study Group 16	2015	ITU-T	0
2065	H.741.4 AMD 1	IPTV application event handling: Transport mechanisms for audience measurement Amendment 1: XML schema on the data structures for message delivery - Study Group 16	2015	ITU-T	0
2066	G.9961	Unified high-speed wireline-based home networking transceivers Data link layer specification - Study Group 15	2015	ITU-T	0
2067	SERIES Y SUPP 25	ITU-T Y.2770 series Supplement on DPI use cases and application scenarios - Study Group 13	2015	ITU-T	0
2068	K.67	Expected surges on telecommunication networks due to lightning - Study Group 5	2015	ITU-T	0
2069	H.752	Multimedia content provisioning interface for IPTV services - Study Group 16	2015	ITU-T	0
2070	SERIES G SUPP 54	Ethernet linear protection switching - Study Group 15	2015	ITU-T	0
2071	G.8113.2	Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS - Study Group 15	2015	ITU-T	0
2072	Q.3617	Terminating identification presentation and terminating identification restriction using IP multimedia core network subsystem. Protocol specification; version 1 - Study Group 11	2015	ITU-T	0
2073	SERIES A SUPP 4	Supplement on guidelines for remote participation - Study Group TSAG	2015	ITU-T	0
2074	P.1130	Subsystem requirements for automotive speech services - Study Group 12	2015	ITU-T	0
2075	P.313	Transmission characteristics for cordless and mobile digital terminals - Study Group 12	2015	ITU-T	0
2076	Y.2028	Intelligent access selection in multi-connection - Study Group 13	2015	ITU-T	0
2077	H.834	Conformance of ITU-T H.810 personal health devices: WAN interface Part 4: SOAP/ATNA: Receiver - Study Group 16	2015	ITU-T	0
2078	Q.1741.9	IMT-2000 references to Release 11 of GSM evolved UMTS core network - Study Group 13	2015	ITU-T	0
2079	X.681	Information technology Abstract Syntax Notation One (ASN.1): Information object specification - Study Group 17	2015	ITU-T	0
2080	X.1500 AMD 7	Overview of cybersecurity information exchange Amendment 7: Revised structured cybersecurity information exchange techniques - Study Group 17	2015	ITU-T	0
2081	G.8032	Ethernet ring protection switching - Study Group 15	2015	ITU-T	0
2082	Y.2074	Requirements for Internet of things devices and operation of Internet of things applications during disaster - Study Group 13	2015	ITU-T	0
2083	L.1202	Methodologies for evaluating the performance of an up to 400 VDC power feeding system and its environmental impact - Study Group 5	2015	ITU-T	0
2084	F.791	Accessibility terms and definitions - Study Group 16	2015	ITU-T	0
2085	SERIES L SUPP 14	ITU-T L.1500 Standardization gap analysis for smart water management - Study Group 5	2015	ITU-T	0
2086	SERIES Z SUPP 1	ITU-T Z.100-series - SDL+ methodology: Use of ITU System Design Languages - Study Group 17	2015	ITU-T	0
2087	H.248.96	Gateway control protocol: ITU-T H.248 Stream grouping and aggregation - Study Group 16	2015	ITU-T	0
2088	SERIES Q SUPP 68	Technical Report on emergency telecommunications service (ETS) interoperability limitations - Study Group 11	2015	ITU-T	0
2089	H.248.81 AMD 2	Gateway control protocol: Guidelines on the use of the international emergency preference scheme (IEPS) call indicator and priority indicator in ITU-T H.248 profiles Amendment 2: DiffServ signalling approach - Study Group 16	2015	ITU-T	0
2090	L.43	Optical fibre cables for buried application - Study Group 15	2015	ITU-T	0
2091	K.79	Electromagnetic characterization of the radiated environment in the 2.4 GHz ISM band - Study Group 5	2015	ITU-T	0

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2093	SERIES L SUPP 20	Green public ICT procurement - Study Group 5	2015	ITU-T	0
2094	X.1631	Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services - Study Group 17	2015	ITU-T	0
2095	SERIES H SUPP 14	Gateway control protocol: SDP codepoints for gateway control Release 2 - Study Group 16	2015	ITU-T	0
2096	H.702	Accessibility profiles for IPTV systems - Study Group 16	2015	ITU-T	0
2097	G.8261 AMD 1	Timing and synchronization aspects in packet networks Amendment 1 - Study Group 15	2015	ITU-T	0
2098	H.622.2	Service capabilities and framework for virtual home networks - Study Group 16	2015	ITU-T	0
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2100	G.783 CORR 1	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks Corrigendum 1 - Study Group 15	2015	ITU-T	0
2101	T.804	Information technology JPEG 2000 image coding system: Reference software - Study Group 16	2015	ITU-T	0
2102	X.696	Information technology ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) - Study Group 17	2015	ITU-T	0
2103	X.680	Information technology Abstract Syntax Notation One (ASN.1): Specification of basic notation - Study Group 17	2015	ITU-T	0
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2105	G.993.2 AMD 1	(Pre-Published) Very high speed digital subscriber line transceivers 2 (VDSL2) Amendment 1	2015	ITU-T	0
2106	G.8013	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernetbased networks - Study Group 15	2015	ITU-T	0
2107	X.1500 AMD 8	Overview of cybersecurity information exchange Amendment 8: Revised structured cybersecurity information exchange techniques - Study Group 17	2015	ITU-T	0
2108	K.74	Electromagnetic compatibility, resistibility and safety requirements for home network devices - Study Group 5	2015	ITU-T	0
2109	Q.3315	Signalling requirements for flexible network service combination on broadband network gateway - Study Group 11	2015	ITU-T	0
2110	H.741.3 AMD 1	IPTV application event handling: Audience measurement for IPTV distributed content services Amendment 1: XML schema on the measurement data structures for linear TV service - Study Group 15	2015	ITU-T	0
2111	Y.3321	Requirements and capability framework for NICE implementation making use of software-defined networking technologies - Study Group 13	2015	ITU-T	0
2112	G.998.2 AMD 4	Ethernet-based multi-pair bonding Amendment 4 New Annex D - Study Group 15	2015	ITU-T	0
2113	K.114	Electromagnetic compatibility requirements and measurement methods for digital cellular mobile communication base station equipment - Study Group 5	2015	ITU-T	0
2114	F.748.3	Machine socialization: Relation management models and descriptions - Study Group 16	2015	ITU-T	0
2115	X.1525	Common weakness scoring system - Study Group 17	2015	ITU-T	0
2116	K.27	(Pre-Published) BONDING CONFIGURATIONS AND EARTHING INSIDE A TELECOMMUNICATION BUILDING	2015	ITU-T	0
2117	L.26	Optical fibre cables for aerial application - Study Group 15	2015	ITU-T	0
2118	H.831	Conformance of ITU-T H.810 personal health devices: WAN interface Part 1: Web services interoperability: Sender - Study Group 16	2015	ITU-T	0
2119	F.749.1	Functional requirements for vehicle gateways - Study Group 16	2015	ITU-T	0
2120	X.1155	Guidelines on local linkable anonymous authentication for electronic services - Study Group 17	2015	ITU-T	0
2121	Q.3942.2	Conformance test specification for the terminating identification restriction using IP multimedia core network subsystem Part 2: Network side; Test suite structure and test purposes - Study Group 11	2015	ITU-T	0
2122	G.998.4	Improved impulse noise protection for digital subscriber line (DSL) transceivers - Study Group 15	2015	ITU-T	0
2123	SERIES K SUPP 4	Supplement 2 to Recommendation ITU-T K.91 ITU-T K.91 Electromagnetic field considerations in smart sustainable cities - Study Group 5	2015	ITU-T	0

2124	Y.4414	Web of things service architecture - Study Group 16	2015	ITU-T	0
2125	T.38	Procedures for real-time Group 3 facsimile communication over IP networks - Study Group 8	2015	ITU-T	0
2126	SERIES H SUPP 2	ITU-T H.248.x sub-series packages guide Release 16 - Study Group 16	2015	ITU-T	0
2127	X.1314 CORR 1	Security requirements and framework of ubiquitous networking Corrigendum 1 - Study Group 17	2015	ITU-T	0
2128	X.694	Information technology ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 - Study Group 17	2015	ITU-T	0
2129	G.8272	Timing characteristics of primary reference time clocks - Study Group 15	2015	ITU-T	0
2130	SERIES H SUPP 13	Gateway control protocol: Common ITU-T H.248 terminology Release 2 - Study Group 16	2015	ITU-T	0
2131	F.747.6	Requirements for water quality assessment services using ubiquitous sensor networks (USNs) - Study Group 16	2014	ITU-T	0
2132	SERIES X SUPP 21	ITU-T X.1143 Supplement on security framework for web mashup services - Study Group 17	2014	ITU-T	0
2133	P.863.1	Application guide for Recommendation ITU-T P.863 - Study Group 12	2014	ITU-T	0
2134	SERIES L SUPP 10	ITU-T L.1300 Supplement on verification experiments related to increase of efficiency of air-conditioning and control technologies at a data centre - Study Group 5	2014	ITU-T	0
2135	Y.2771	Framework for deep packet inspection - Study Group 13	2014	ITU-T	0
2136	X.1500 AMD 6	Overview of cybersecurity information exchange Amendment 6: Revised structured cybersecurity information exchange techniques - Study Group 17	2014	ITU-T	0
2137	Q.3308.1 CORR 1	Resource control protocol No. 8 Protocol at the interface between a policy decision physical entity and a customer premises network gateway policy enforcement physical entity (Rh interface): COPS alternative Corrigendum 1: Corrections to Annex A - Study G	2014	ITU-T	0
2138	G.161.1	Do-no-harm testing - Study Group 16	2014	ITU-T	0
2139	Y.2065	Service and capability requirements for e-health monitoring services - Study Group 13	2014	ITU-T	0
2140	G.976	Test methods applicable to optical fibre submarine cable systems - Study Group 15	2014	ITU-T	0
2141	E.164 SUPP 2	The international public telecommunication numbering plan Supplement 2: Number portability - Study Group 2	2014	ITU-T	0
2142	Q.3931.3	Performance benchmark for the PSTN/ISDN emulation subsystem of an IP multimedia system Part 3: Traffic sets and traffic profiles - Study Group 11	2014	ITU-T	0
2143	G.984.3	Gigabit-capable passive optical networks (G-PON): Transmission convergence layer specification - Study Group 15	2014	ITU-T	0
2144	F.748.0	Common requirements for Internet of things (IoT) applications - Study Group 16	2014	ITU-T	0
2145	J.287	(Pre-Published) Automation System to Compression System Communications Applications Program Interface (API)	2014	ITU-T	0
2146	Y.2064	Energy saving using smart objects in home networks - Study Group 13	2014	ITU-T	0
2147	Y.3512	Cloud computing Functional requirements of Network as a Service - Study Group 13	2014	ITU-T	0
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2153	F.734	Definitions, requirements and use cases for telepresence systems - Study Group 16	2014	ITU-T	0
2154	SERIES G SUPP 42	Guide on the use of the ITU-T Recommendations related to optical fibres and systems technology - Study Group 15	2014	ITU-T	0
2155	Y.3503	Requirements for desktop as a service - Study Group 13	2014	ITU-T	0
2156	H.248.80	Gateway control protocol: Usage of the revised SDP offer/answer model with ITU-T H.248 - Study Group 16	2014	ITU-T	0

2157	K.102	Parameters of fixed-voltage thyristor overvoltage protector components used for the protection of telecommunication installations - Study Group 5	2014	ITU-T	0
2158	SERIES K SUPP 2	ITU-T K.52 - Calculator for equivalent isotropic radiated power as described in Recommendation ITU-T K.52 - Study Group 5	2014	ITU-T	0
2159	J.205 CORR 2	Requirements for an application control framework using integrated broadcast and broadband digital television Corrigendum 2 - Study Group 9	2014	ITU-T	0
2160	K.98	Overvoltage protection guide for telecommunication equipment installed in customer premises - Study Group 5	2014	ITU-T	0
2161	SERIES Q SUPP 62	(Pre-Published) Overview of the work of standards development organizations and other organizations on emergency telecommunications service	2014	ITU-T	0
2162	J.181 AMD 1	Digital program insertion cueing message for cable television systems Amendment 1: New Appendix II: Recommended practices for the implementation of ITU-T J.181 - Study Group 9	2014	ITU-T	0
2163	G.9972 CORR 1	Coexistence mechanism for wireline home networking transceivers Corrigendum 1: Revised definition of coexisting systems categories - Study Group 15	2014	ITU-T	0
2164	F.747.5	Requirements and functional architecture of an automatic location identification system for ubiquitous sensor network (USN) applications and services - Study Group 16	2014	ITU-T	0
2165	G.8011.4 NOTE	Ethernet private tree and Ethernet virtual private tree services - Study Group 15	2014	ITU-T	0
2166	G.8265.1	Precision time protocol telecom profile for frequency synchronization - Study Group 15	2014	ITU-T	0
2167	E.804	QoS aspects for popular services in mobile networks - Study Group 12	2014	ITU-T	0
2168	H.239	Role management and additional media channels for ITU-T H.300-series terminals - Study Group 16	2014	ITU-T	0
2169	L.1410	Methodology for environmental life cycle assessments of information and communication technology goods, networks and services - Study Group 5	2014	ITU-T	0
2170	X.1159	Delegated non-repudiation architecture based on ITU-T X.813 - Study Group 17	2014	ITU-T	0
2171	J604	Requirements for a scalable video transmission system over cable networks - Study Group 9	2014	ITU-T	0
2172	Y.3511	Framework of inter-cloud computing - Study Group 13	2014	ITU-T	0
2173	SERIES K SUPP 1	ITU-T K.91 Guide on electromagnetic fields and health - Study Group 5	2014	ITU-T	0
2174	E.161 AMD 1	Arrangement of digits, letters and symbols on telephones and other devices that can be used for gaining access to a telephone network Amendment 1: New Annex A: Arrangement of digits, Korean character set and symbols - Study Group 2	2014	ITU-T	0
2175	Y.1365.1	Precision time protocol telecom profile for frequency synchronization - Study Group 15	2014	ITU-T	0
2176	H.248.87	Gateway control protocol: Guidelines on the use of ITU-T H.248 capabilities for performance monitoring in RTP networks in ITU-T H.248 profiles - Study Group 16	2014	ITU-T	0
2177	SERIES X SUPP 22	ITU-T X.1144 Supplement on enhancements and new features in eXtensible Access Control Markup Language (XACML 3.0) - Study Group 17	2014	ITU-T	0
2178	J.343.1	Hybrid-NRe objective perceptual video quality measurement for HDTV and multimedia IP-based video services in the presence of encrypted bitstream data - Study Group 9	2014	ITU-T	0
2179	L.1201	Architecture of power feeding systems of up to 400 VDC - Study Group 5	2014	ITU-T	0
2180	P.502 AMD 2	Objective test methods for speech communication systems using complex test signals Amendment 2: Updated Appendix III Automated double talk analysis procedure - Study Group 12	2014	ITU-T	0
2181	SERIES L SUPP 7	ITU-T L.1300 Supplement on rationale for minimum data set for evaluating energy efficiency and for controlling data centre equipment in view of power saving - Study Group 5	2014	ITU-T	0
2182	SERIES Q SUPP 66	Supplement on scenarios and requirements in terms of services and deployments for IMT and IMS in developing countries - Study Group 13	2014	ITU-T	0
2183	K.83 AMD 1	Monitoring of electromagnetic field levels Amendment 1: Updates to the introduction and Appendix I of ITU-T K.83 - Study Group 5	2014	ITU-T	0
2184	J.181	Digital program insertion cueing message for cable television systems - Study Group 9	2014	ITU-T	0

2185	X.1520	Common vulnerabilities and exposures - Study Group 17	2014	ITU-T	0
2186	Y.3320	Requirements for applying formal methods to software-defined networking - Study Group 13	2014	ITU-T	0
2187	SERIES Q SUPP 64	(Pre-Published) Physical Realisation of Next Generation Networks	2014	ITU-T	0
2188	L.93	Optical fibre cable maintenance support, monitoring and testing systems for optical fibre trunk networks - Study Group 15	2014	ITU-T	0
2189	SERIES G SUPP 53	Guidance for Ethernet OAM performance monitoring - Study Group 15	2014	ITU-T	0
2190	H.235.6	H.323 security: Encryption profile with native ITU-T H.235/H.245 key management - Study Group 16	2014	ITU-T	0
2191	SERIES L SUPP 6	ITU-T L.1300 Supplement on a validation test of a data centre cooling method using renewable energy in a cold region - Study Group 5	2014	ITU-T	0
2192	H.248.86	Gateway Control Protocol: ITU-T H.248 support for deep packet inspection - Study Group 16	2014	ITU-T	0
2193	Y.1271	Framework(s) on network requirements and capabilities to support emergency telecommunications over evolving circuit-switched and packet-switched networks - Study Group 13	2014	ITU-T	0
2194	H.621 AMD 1	Architecture of a system for multimedia information access triggered by tag-based identification Amendment 1: Supporting multiple air interfaces - Study Group 16	2014	ITU-T	0
2195	G.9962	Unified high-speed wire-line based home networking transceivers Management specification - Study Group 15	2014	ITU-T	0
2196	SERIES L SUPP 5	Life-cycle management of ICT goods - Study Group 5	2014	ITU-T	0
2197	H.722	IPTV terminal device: Full-fledged model - Study Group 16	2014	ITU-T	0
2198	X.1243 CORR 1	Interactive gateway system for countering spam Corrigendum 1 - Study Group 17	2014	ITU-T	0
2199	SERIES L SUPP 8	ITU-T L.1300 Supplement on potential for primary energy savings in TLC/ICT centres through free cooling - Study Group 5	2014	ITU-T	0
2200	J.301	Requirements for augmented reality smart television systems - Study Group 9	2014	ITU-T	0
2201	H.248.39	Gateway control protocol: ITU-T H.248 SDP parameter identification and wildcarding - Study Group 16	2014	ITU-T	0
2202	G.984.5	Gigabit-capable passive optical networks (GPON): Enhancement band - Study Group 15	2014	ITU-T	0
2203	F.748.1	Requirements and common characteristics of the IoT identifier for the IoT service - Study Group 16	2014	ITU-T	0
2204	SERIES Q SUPP 64	Physical realization of next generation networks - Study Group 11	2014	ITU-T	0
2205	P.1401 CORR 1	(Pre-Published) Methods, metrics and procedures for statistical evaluation, qualification and comparison of objective quality prediction models Corrigendum 1	2014	ITU-T	0
2206	J.343.2	Hybrid-NR objective perceptual video quality measurement for HDTV and multimedia IP-based video services in the presence of non-encrypted bitstream data - Study Group 9	2014	ITU-T	0
2207	F.771 AMD 1	Service description and requirements for multimedia information access triggered by tag-based identification Amendment 1: Supporting multiple air interfaces - Study Group 16	2014	ITU-T	0
2208	Y.3045	Smart ubiquitous networks Functional architecture of content delivery - Study Group 13	2014	ITU-T	0
2209	Y.1903	Functional requirements of mobile IPTV - Study Group 13	2014	ITU-T	0
2210	E.807	Definitions, associated measurement methods and guidance targets of user-centric parameters for call handling in cellular mobile voice service - Study Group 12	2014	ITU-T	0
2211	H.248.88	Gateway control protocol: RTP topology dependent RTCP handling by ITU-T H.248 media gateways with IP terminations - Study Group 16	2014	ITU-T	0
2212	L.1101	Measurement methods to characterize rare metals in information and communication technology goods - Study Group 5	2014	ITU-T	0
2213	F.747.7	Requirements for network-based location information conversion for location-based applications and services - Study Group 16	2014	ITU-T	0
2214	G.808.1	Generic protection switching Linear trail and subnetwork protection - Study Group 15	2014	ITU-T	0
2215	A.23 ANX A	Guide for ITU-T and ISO/IEC JTC 1 cooperation	2014	ITU-T	0

2216	P.806	A subjective quality test methodology using multiple rating scales - Study Group 12	2014	ITU-T	0
2217	H.235.0	H.323 security: Framework for security in ITU-T H-series (ITU-T H.323 and other ITU-T H.245-based) multimedia systems - Study Group 16	2014	ITU-T	0
2218	Y.3300	Framework of software-defined networking - Study Group 13	2014	ITU-T	0
2219	Y.3500	Information technology Cloud computing Overview and vocabulary - Study Group 13	2014	ITU-T	0
2220	Y.2302	Network intelligence capability enhancement Functional architecture - Study Group 13	2014	ITU-T	0
2221	H.248.57	Gateway control protocol: RTP control protocol package - Study Group 16	2014	ITU-T	0
2222	G.9979	Implementation of the generic mechanism in the IEEE 1905.1a-2014 Standard to include applicable ITU-T Recommendations - Study Group 15	2014	ITU-T	0
2223	SERIES L SUPP 9	ITU-T L.1300 Supplement on case study of reduction of air-conditioning energy by optical fibre based thermometry - Study Group 5	2014	ITU-T	0
2224	K.96 AMD 1	Surge protective components: Overview of surge mitigation functions and technologies Amendment 1: New Appendix II Alternative duration measurement method for 1.2/50-8/20 and 10/700 surge generator impulses - Study Group 5	2014	ITU-T	0
2225	X.1311 CORR 1	Information technology Security framework for ubiquitous sensor networks Technical Corrigendum 1 - Study Group 17	2014	ITU-T	0
2226	H.785.0	Digital signage: Requirements for disaster information services - Study Group 16	2014	ITU-T	0
2227	Y.3032	Configurations of node identifiers and their mapping with locators in future networks - Study Group 13	2014	ITU-T	0
2228	J.343.3	Hybrid-RRE objective perceptual video quality measurement for HDTV and multimedia IP-based video services in the presence of a reduced reference signal and encrypted bitstream data - Study Group 9	2014	ITU-T	0
2229	P.1302	(Pre-Published) Subjective method for simulated conversation tests addressing speech and audio-visual call quality	2014	ITU-T	0
2230	F.746.2	Service description for user data exchange between functional components in network entities and terminals - Study Group 16	2014	ITU-T	0
2231	L.1340	Informative values on the energy efficiency of telecommunication equipment - Study Group 5	2014	ITU-T	0
2232	P.340 AMD 1	Transmission characteristics and speech quality parameters of hands-free terminals Amendment 1: New Annex B: Objective test methods for multi-talker scenarios - Study Group 12	2014	ITU-T	0
2233	H.761	Nested context language (NCL) and Ginga-NCL - Study Group 16	2014	ITU-T	0
2234	P.581	Use of head and torso simulator for hands-free and handset terminal testing - Study Group 12	2014	ITU-T	0
2235	L.1010	Green battery solutions for mobile phones and other hand-held information and communication technology devices - Study Group 5	2014	ITU-T	0
2236	Y.2253	Capabilities of multi-connection to support streaming services - Study Group 13	2014	ITU-T	0
2237	G.9700	Fast access to subscriber terminals (G.fast) Power spectral density specification - Study Group 15	2014	ITU-T	0
2238	SERIES H SUPP 17	Guide for addressing accessibility in standards - Study Group 16	2014	ITU-T	0
2239	L.1005	Test suites for assessment of the universal charger solution - Study Group 5	2014	ITU-T	0
2240	X.1303 BIS	Common alerting protocol (CAP 1.2) - Study Group 17	2014	ITU-T	0
2241	G.1091	Quality of Experience requirements for telepresence services - Study Group 12	2014	ITU-T	0
2242	SERIES L SUPP 11	ITU-T L.1300 Supplement on a verification test and feasibility study of energy and space efficient cooling systems for data centres with high density ICT devices - Study Group 5	2014	ITU-T	0
2243	H.420	Telepresence system architecture - Study Group 16	2014	ITU-T	0
2244	P.1201.2 CORR 1	(Pre-Published) Parametric non-intrusive assessment of audiovisual media streaming quality Higher resolution application area Corrigendum 1	2014	ITU-T	0
2245	Q.3303.2	Resource control protocol No. 3 Protocol at the interface between a policy decision physical entity (PD-PE) and a policy enforcement physical entity (PE-PE) (Rw interface): ITU-T H.248 alternative version 2 - Study Group 11	2014	ITU-T	0
2246	T.834	Information technology JPEG XR image coding system Conformance testing - Study Group 16	2014	ITU-T	0

2247	J.343.4	Hybrid-RR objective perceptual video quality measurement for HDTV and multimedia IP-based video services in the presence of a reduced reference signal and non-encrypted bitstream data - Study Group 9	2014	ITU-T	0
2248	X.1546	Malware attribute enumeration and characterization - Study Group 17	2014	ITU-T	0
2249	H.248.89	Gateway Control Protocol: TCP support packages - Study Group 16	2014	ITU-T	0
2250	G.728 NOTE	Coding of speech at 16 kbit/s using low-delay code excited linear prediction - Study Group 16	2014	ITU-T	0
2251	Q.1742.11	(Pre-Published) IMT 2000 References (3GPP2 up to 31st December 2012) to ANSI-41 evolved Core Network with cdma2000 Access Network	2014	ITU-T	0
2252	K.101	Shielding factors for lightning protection - Study Group 5	2014	ITU-T	0
2253	G.1030	Estimating end-to-end performance in IP networks for data applications - Study Group 12	2014	ITU-T	0
2254	SERIES Q SUPP 49	Signalling requirements to support IP telephony - Study Group 11	2014	ITU-T	0
2255	K.96	Surge protective components: Overview of surge mitigation functions and technologies - Study Group 5	2014	ITU-T	0
2256	G.989.2	40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification - Study Group 15	2014	ITU-T	0
2257	F.511	(Pre-Published) Directory service Support of tag-based identification services	2014	ITU-T	0
2258	G.1029	Voice service diagnosis framework - Study Group 12	2014	ITU-T	0
2259	X.1210	Overview of source-based security troubleshooting mechanisms for Internet protocol-based networks - Study Group 17	2014	ITU-T	0
2260	G.722 AMD 1	7 kHz audio-coding within 64 kbit/s Amendment 1: New Annex E An alternative implementation of stereo super-wideband extension using floating point - Study Group 16	2014	ITU-T	0
2261	Y.3013	Socio-economic assessment of future networks by tussle analysis - Study Group 13	2014	ITU-T	0
2262	G.987.3	10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) layer specification - Study Group 15	2014	ITU-T	0
2263	H.248.92	Gateway control protocol: Stream endpoint interlinkage package - Study Group 16	2014	ITU-T	0
2264	G.776.4	Signal processing network equipment - Study Group 16	2014	ITU-T	0
2265	Q.3913	Set of parameters for monitoring Internet of things devices - Study Group 11	2014	ITU-T	0
2266	X.783	Guidelines for implementation conformance statement proformas associated with web services-based management systems - Study Group 2	2014	ITU-T	0
2267	L.1500	Framework for information and communication technologies and adaptation to the effects of climate change - Study Group 5	2014	ITU-T	0
2268	Y.2254	Capabilities of multi-connection to support enhanced multimedia telephony services - Study Group 13	2014	ITU-T	0
2269	X.1314	Security requirements and framework of ubiquitous networking - Study Group 17	2014	ITU-T	0
2270	J.201	Harmonization of declarative content format for interactive television applications - Study Group 9	2014	ITU-T	0
2271	X.1500 AMD 5	Overview of cybersecurity information exchange Amendment 5: Revised structured cybersecurity information exchange techniques - Study Group 17	2014	ITU-T	0
2272	Y.2616	Interworking mechanisms in public packet telecom data networks - Study Group 13	2014	ITU-T	0
2273	P.1311	Method for determining the intelligibility of multiple concurrent talkers - Study Group 12	2014	ITU-T	0
2274	J.343.5	Hybrid-FRe objective perceptual video quality measurement for HDTV and multimedia IP-based video services in the presence of a full reference signal and encrypted bitstream data - Study Group 9	2014	ITU-T	0
2275	G.8261.1 AMD 1	Packet delay variation network limits applicable to packet-based methods (Frequency synchronization) Amendment 1: Revision to clause 8 on packet delay variation - Study Group 15	2014	ITU-T	0
2276	Q.3232	Signalling requirements and protocol at the Nc interface between the transport location management physical entity and the transport authentication and authorization physical entity - Study Group 11	2014	ITU-T	0
2277	G.1031	QoE factors in web-browsing - Study Group 12	2014	ITU-T	0
2278	Q.3946.1	Conformance tests specification for the session initiation protocol Part 1: Protocol Implementation Conformance Statement (PICS) proforma - Study Group 11	2014	ITU-T	0

2279	K.97	Lightning protection of distributed base stations - Study Group 5	2014	ITU-T	0
2280	X.906	Information technology Open distributed processing Use of UML for ODP system specifications - Study Group 17	2014	ITU-T	0
2281	X.1582	Transport protocols supporting cybersecurity information exchange - Study Group 17	2014	ITU-T	0
2282	X.1158	Multi-factor authentication mechanisms using a mobile device - Study Group 17	2014	ITU-T	0
2283	X.911	(Pre-Published) Information technology Open distributed processing Reference model Enterprise language	2014	ITU-T	0
2284	G.664 AMD 1	(Pre-Published) Optical safety procedures and requirements for optical transmission systems Amendment 1	2014	ITU-T	0
2285	G.999.1 AMD 1	Interface between the link layer and the physical layer for digital subscriber line (DSL) transceivers Amendment 1: Extension for flow control on the PHY-to-LINK data stream over gamma reference point - Study Group 15	2014	ITU-T	0
2286	Y.3513	Cloud computing Functional requirements of Infrastructure as a Service - Study Group 13	2014	ITU-T	0
2287	L.1501	Best practices on how countries can utilize ICTs to adapt to the effects of climate change - Study Group 5	2014	ITU-T	0
2288	Q.3303.1 CORR 1	Resource control protocol No. 3 Protocol at the interface between a Policy Decision Physical Entity (PD-PE) and a Policy Enforcement Physical Entity (PE-PE): COPS alternative version 2 Corrigendum 1: Corrections to Annex A - Study Group 11	2014	ITU-T	0
2289	G.711.1 AMD 1	Wideband embedded extension for G.711 PCM Amendment 1: New Annex G An alternative implementation of stereo super-wideband extension using floating point - Study Group 16	2014	ITU-T	0
2290	SERIES X SUPP 23	ITU-T X.1037 Supplement on security management guidelines for the implementation of an IPv6 environment in telecommunications organizations - Study Group 17	2014	ITU-T	0
2291	Y.3502	Information technology Cloud computing Reference architecture - Study Group 13	2014	ITU-T	0
2292	J.1003	Specifications of network protocol for renewable conditional access system - Study Group 9	2014	ITU-T	0
2293	H.860	Multimedia e-health data exchange services: Data schema and supporting services - Study Group 16	2014	ITU-T	0
2294	X.1211	Techniques for preventing web-based attacks - Study Group 17	2014	ITU-T	0
2295	H.248.93	Gateway control protocol: ITU-T H.248 support for control of transport security using the datagram transport layer security (DTLS) protocol - Study Group 16	2014	ITU-T	0
2296	J.195.3	Medium Access Control layer specification for high speed transmission over coaxial networks - Study Group 9	2014	ITU-T	0
2297	H.341 CORR 1	Multimedia management information base Corrigendum 1: Updates to MIB definitions - Study Group 16	2014	ITU-T	0
2298	Q.3946.3	Conformance tests specification for the session initiation protocol Part 3: Abstract test suite and partial protocol implementation extra information for testing (PIXIT) proforma - Study Group 11	2014	ITU-T	0
2299	J.343.6	Hybrid-FR objective perceptual video quality measurement for HDTV and multimedia IP-based video services in the presence of a full reference signal and non-encrypted bitstream data - Study Group 9	2014	ITU-T	0
2300	X.1208	A cybersecurity indicator of risk to enhance confidence and security in the use of telecommunication/information and communication technologies - Study Group 17	2014	ITU-T	0
2301	K.58	EMC, resistibility and safety requirements and guidance for determining responsibility under co-located information and communication technology installations - Study Group 5	2014	ITU-T	0
2302	SERIES X SUPP 24	ITU-T X.1120-X.1139 series Supplement on a secure application distribution framework for communication devices - Study Group 17	2014	ITU-T	0
2303	K.84 AMD 1	Test methods and guide against information leaks through unintentional electromagnetic emissions Amendment 1: Deletion of a bibliographic reference - Study Group 5	2014	ITU-T	0
2304	G.8131	Linear protection switching for MPLS transport profile - Study Group 15	2014	ITU-T	0
2305	SERIES Q SUPP 65	Cloud computing interoperability activities - Study Group 11	2014	ITU-T	0
2306	P.1501	Subjective testing methodology for web browsing - Study Group 12	2014	ITU-T	0
2307	H.248.90	Gateway control protocol: ITU-T H.248 packages for control of transport security using transport layer security (TLS) - Study Group 16	2014	ITU-T	0
2308	Y.3012	Requirements of network virtualization for future networks - Study Group 13	2014	ITU-T	0
2309	Y.2066	Common requirements of the Internet of things - Study Group 13	2014	ITU-T	0

2310	Y.1382	Linear protection switching for MPLS transport profile - Study Group 15	2014	ITU-T	0
2311	Q.3304.1 CORR 1	Resource control protocol No. 4 (rcp4) Protocols at the Rc interface between a transport resource control physical entity and a transport physical entity: COPS alternative Corrigendum 1: Corrections to Annex A - Study Group 11	2014	ITU-T	0
2312	J.195.2	Physical layer specification for high speed transmission over coaxial networks - Study Group 9	2014	ITU-T	0
2313	J.900	(Pre-Published) Requirements for Stereoscopic Three Dimensional Television Service over Hybrid Fiber and Coaxial based networks	2014	ITU-T	0
2314	SERIES X SUPP 10	ITU-T X.1205 Supplement on usability of network traceback - Study Group 17	2014	ITU-T	0
2315	L.1320	Energy efficiency metrics and measurement for power and cooling equipment for telecommunications and data centres - Study Group 5	2014	ITU-T	0
2316	Y.2083	Multimedia telephony over distributed service networking - Study Group 13	2014	ITU-T	0
2317	Y.1546	Hand-over performance among multiple access networks - Study Group 12	2014	ITU-T	0
2318	G.799.4	Procedures for control of de-jitter buffers used in PSTN-IP gateways carrying voiceband data - Study Group 16	2014	ITU-T	0
2319	X.1526	Language for the open definition of vulnerabilities and for the assessment of a system state - Study Group 17	2014	ITU-T	0
2320	SERIES L SUPP 12	ITU-T L.1300 Supplement on experimental studies on plates and ducts installed at equipment inlets and outlets - Study Group 5	2014	ITU-T	0
2321	Y.3033	Framework of Data Aware Networking for Future Networks - Study Group 13	2014	ITU-T	0
2322	J.343	Hybrid perceptual bitstream models for objective video quality measurements - Study Group 9	2014	ITU-T	0
2323	RS.2064-0	Typical technical and operating characteristics and frequency bands used by space research service (passive) planetary observation systems	2014	ITU-T	0
2324	F.746.1	Requirements for low-latency interactive multimedia streaming - Study Group 16	2014	ITU-T	0
2325	H.248.91	Gateway control protocol: Guidelines on the use of ITU-T H.248 capabilities for transport security in TLS networks in ITU-T H.248 profiles - Study Group 16	2014	ITU-T	0
2326	Q.3614	Originating identification presentation and originating identification restriction protocol specification as next-generation network supplementary service - Study Group 11	2014	ITU-T	0
2327	G.998.2 AMD 3	Ethernet-based multi-pair bonding Amendment 3 Intentional temporary shutdown of some bonded lines - Study Group 15	2013	ITU-T	0
2328	SERIES Y SUPP 23	ITU-T Y.2770-series Supplement on DPI terminology - Study Group 13	2013	ITU-T	0
2329	G.998.3 AMD 1	Multi-pair bonding using time-division inverse multiplexing Amendment 1 Intentional temporary shutdown of some bonded lines - Study Group 15	2013	ITU-T	0
2330	P.1201.2 AMD 2	Parametric non-intrusive assessment of audiovisual media streaming quality Higher resolution application area Amendment 2: New Appendix I Use of ITU-T P.1201.2 internal model parameters for diagnostic purposes - Study Group 12	2013	ITU-T	0
2331	Q.3946.2	(Pre-Published) IETF SIP RFC3261 Conformance Tests Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP)	2013	ITU-T	0
2332	G.9902 AMD 1	Narrowband orthogonal frequency division multiplexing power line communication transceivers for ITU-T G.hnem networks Amendment 1 - Study Group 15	2013	ITU-T	0
2333	J.280	Digital program insertion: Splicing application program interface - Study Group 9	2013	ITU-T	0
2334	H.460.6	Extended Fast Connect feature - Study Group 16	2013	ITU-T	0
2335	Q.3303.3	Resource control protocol No. 3 Protocols at the Rw interface between a policy decision physical entity (PD-PE) and a policy enforcement physical entity (PE-PE): Diameter profile version 3 - Study Group 11	2013	ITU-T	0
2336	G.8011.5	Ethernet private LAN service - Study Group 15	2013	ITU-T	0
2337	G.783 AMD 4	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks Amendment 4: Text additions to add the required OSM256.4/RSn A adaptation function for OSM256.4 interface support - Study Group 15	2013	ITU-T	0
2338	H.248.32	Gateway control protocol: Detailed congestion reporting package - Study Group 16	2013	ITU-T	0
2339	H.450.5	Call park and call pickup supplementary services in ITU-T H.323 systems - Study Group 16	2013	ITU-T	0
2340	J.1002	Pairing protocol specification for renewable conditional access system - Study Group 9	2013	ITU-T	0

2341	H.450.7	Message waiting indication supplementary service for ITU-T H.323 systems - Study Group 16	2013	ITU-T	0
2342	H.248.23	Gateway control protocol: Enhanced Alerting packages - Study Group 16	2013	ITU-T	0
2343	Y.3044	Smart ubiquitous networks Content awareness framework - Study Group 13	2013	ITU-T	0
2344	G.975.1 CORR 2	Forward error correction for high bit-rate DWDM submarine systems Corrigendum 2 - Study Group 15	2013	ITU-T	0
2345	SERIES Y SUPP 22	ITU-T Y.2200 series Supplement on greenhouse gas monitoring services provided over NGN - Study Group 13	2013	ITU-T	0
2346	P.1202 AMD 1	(Pre-Published) Parametric non-intrusive bitstream assessment of video media streaming quality Amendment 1	2013	ITU-T	0
2347	H.460.18	Traversal of ITU-T H.323 signalling across network address translators and firewalls - Study Group 16	2013	ITU-T	0
2348	Q.3301.1	Resource control protocol No. 1, version 3 Protocol at the Rs interface between service control entities and the policy decision physical entity - Study Group 11	2013	ITU-T	0
2349	H.248.40	Gateway control protocol: Application data inactivity detection package - Study Group 16	2013	ITU-T	0
2350	X.1198	Virtual machine-based security platform for renewable IPTV service and content protection - Study Group 17	2013	ITU-T	0
2351	H.248.22	Gateway control protocol: Shared Risk Group package - Study Group 16	2013	ITU-T	0
2352	G.718 AMD 3	Frame error robust narrow-band and wideband embedded variable bit-rate coding of speech and audio from 8-32 kbit/s Amendment 3: New Annex C describing an alternative floating-point implementation of the superwideband monaural extension - Study Group 16	2013	ITU-T	0
2353	P.505 AMD 2	One-view visualization of speech quality measurement results Amendment 2: New Appendix III ITU-T P.505 online application - Study Group 12	2013	ITU-T	0
2354	Y.1307.2	Ethernet virtual private line service - Study Group 15	2013	ITU-T	0
2355	X.1254 NOTE	Entity authentication assurance framework	2013	ITU-T	0
2356	X.1500 AMD 3	Overview of cybersecurity information exchange Amendment 3: Revised structured cybersecurity information exchange techniques - Study Group 17	2013	ITU-T	0
2357	Y.1369	Architecture and requirements for packet-based time and phase distribution - Study Group 15	2013	ITU-T	0
2358	E.129	Presentation of national numbering plans - Study Group 2	2013	ITU-T	0
2359	Y.2082	(Pre-Published) Distributed Service Networking Relay Functions - Study Group 13	2013	ITU-T	0
2360	H.460.24 AMD 2	Point-to-point media through network address translators and firewalls within ITU-T H.323 systems Amendment 2: Support for ITU-T H.460.19 multiplex media mode for point-to-point media - Study Group 16	2013	ITU-T	0
2361	X.1144	(Pre-Published) eXtensible Access Control Markup Language (XACML 3.0)	2013	ITU-T	0
2362	Y.2705	Minimum security requirements for the interconnection of the Emergency Telecommunications Service (ETS) - Study Group 13	2013	ITU-T	0
2363	H.248.16	Gateway control protocol: Enhanced digit collection packages and procedures - Study Group 16	2013	ITU-T	0
2364	Y.2222	Sensor control networks and related applications in a next generation network environment - Study Group 13	2013	ITU-T	0
2365	M.3705	Common management services Log management Protocol neutral requirements and analysis - Study Group 2	2013	ITU-T	0
2366	P.1201 AMD 1	(Pre-Published) Parametric non-intrusive assessment of audiovisual media streaming quality Amendment 1	2013	ITU-T	0
2367	H.450.8	Name identification supplementary service for ITU-T H.323 systems - Study Group 16	2013	ITU-T	0
2368	H.248.8	Gateway control protocol: Error code and service change reason description - Study Group 16	2013	ITU-T	0
2369	Q.3943.2	Conformance tests specification for the originating identification presentation and originating identification restriction using the IP multimedia core network subsystem Part 2: Network side Test suite structure and test purposes - Study Group 11	2013	ITU-T	0
2370	G.9905	Centralized metric-based source routing - Study Group 15	2013	ITU-T	0
2371	H.248.20	Gateway control protocol: The use of Local and Remote Descriptors with ITU-T H.221 and ITU-T H.223 multiplexing - Study Group 16	2013	ITU-T	0
2372	K.77 AMD 1	Characteristics of metal oxide varistors for the protection of telecommunication installations Amendment 1: New Appendix III Characterizing thermally protected MOVs using a.c. step stress testing - Study Group 5	2013	ITU-T	0

2373	Y.3043	Smart ubiquitous networks Context awareness framework - Study Group 13	2013	ITU-T	0
2374	G.9902 AMD 2	Narrowband orthogonal frequency division multiplexing power line communication transceivers for ITU-T G.hnem networks Amendment 2: Clarifications on payload encoder and addition of a network admission procedure - Study Group 15	2013	ITU-T	0
2375	P.1201 AMD 2	(Pre-Published) Parametric non-intrusive assessment of audiovisual media streaming quality Amendment 1 - Study Group 12	2013	ITU-T	0
2376	M.3710	Overview of an automated service test to support cost-efficient telecom service assurance - Study Group 2	2013	ITU-T	0
2377	X.1037	(Pre-Published) IPv6 technical security guidelines	2013	ITU-T	0
2378	G.798.1	Types and characteristics of optical transport network equipment - Study Group 15	2013	ITU-T	0
2379	Y.1307.5	Ethernet private LAN service - Study Group 15	2013	ITU-T	0
2380	G.992.3 CORR 3	Asymmetric digital subscriber line transceivers 2 (ADSL2) Corrigendum 3: Accuracy of test parameters (clarification) - Study Group 15	2013	ITU-T	0
2381	Y.2724	Framework for supporting OAuth and OpenID in next generation networks - Study Group 13	2013	ITU-T	0
2382	M.3349	Requirements for service and product lifecycle management across business to business interfaces - Study Group 2	2013	ITU-T	0
2383	G.989.1	40-Gigabit-capable passive optical networks (NG-PON2): General requirements - Study Group 15	2013	ITU-T	0
2384	H.248.64	(Pre-Published) Gateway control protocol: IP router packages - Study Group 16	2013	ITU-T	0
2385	Q.3943.1	Conformance tests specification for the originating identification presentation and originating identification restriction using the IP multimedia core network subsystem Part 1: Protocol - Study Group 11	2013	ITU-T	0
2386	H.741.2 AMD 1	IPTV application event handling: Data structures of audience measurement for IPTV services Amendment 1: New Appendix I with XML schema on the data structures of audience measurement for IPTV services - Study Group 16	2013	ITU-T	0
2387	Y.3042	Smart ubiquitous networks Smart traffic control and resource management functions - Study Group 13	2013	ITU-T	0
2388	SERIES E.800 SUPP 9	Supplement 9 to ITU-T E.800-series Recommendations (Guidelines on regulatory aspects of QoS) - Study Group 12	2013	ITU-T	0
2389	H.248.18	Gateway control protocol: Package for support of multiple profiles - Study Group 16	2013	ITU-T	0
2390	H.741.1 AMD 1	(Pre-Published) IPTV application event handling: Audience measurement operations for IPTV services Amendment 1: New Appendices VIII and IX with XML schema on audience measurement service discovery	2013	ITU-T	0
2391	X.1500 AMD 4	Overview of cybersecurity information exchange Amendment 4: Revised structured cybersecurity information exchange techniques - Study Group 17	2013	ITU-T	0
2392	P.1202.2	(Pre-Published) Parametric non-intrusive bitstream assessment of video media streaming quality higher resolution application area	2013	ITU-T	0
2393	H.262 AMD 1	(Pre-Published) Information technology Generic coding of moving pictures and associated audio information: Video: Frame packing arrangement signalling for quincunx pattern Amendment 1	2013	ITU-T	0
2394	Y.2723	Support for OAuth in next generation networks - Study Group 13	2013	ITU-T	0
2395	H.248.85	Gateway control protocol: Usage of loopback in ITU-T H.248 - Study Group 16	2013	ITU-T	0
2396	H.751	Metadata for rights information interoperability in IPTV services - Study Group 16	2013	ITU-T	0
2397	X.1144	eXtensible Access Control Markup Language (XACML 3.0) - Study Group 17	2013	ITU-T	0
2398	Y.1545	Roadmap for the quality of service of interconnected networks that use the Internet protocol - Study Group 12	2013	ITU-T	0
2399	H.248.61	Gateway control protocol: Packages for network level ITU-T H.248 statistics - Study Group 16	2013	ITU-T	0
2400	H.120 NOTE	Codecs for videoconferencing using primary digital group transmission	2013	ITU-T	0
2401	P.1201.2 AMD 1	(Pre-Published) Parametric non-intrusive assessment of audiovisual media streaming quality - higher resolution application area Amendment 1	2013	ITU-T	0
2402	H.248.15	Gateway control protocol: SDP ITU-T H.248 package attribute - Study Group 16	2013	ITU-T	0
2403	H.450.4	Call hold supplementary service for ITU-T H.323 systems - Study Group 16	2013	ITU-T	0
2404	H.248.2	Gateway control protocol: Facsimile, text conversation and call discrimination packages - Study Group 16	2013	ITU-T	0
2405	Y.3041	Smart ubiquitous networks Overview - Study Group 13	2013	ITU-T	0

2406	H.248.81 AMD 1	Gateway control protocol: Guidelines on the use of the international emergency preference scheme (IEPS) call indicator and priority indicator in ITU-T H.248 profiles Amendment 1: New Appendix II, plus additions and corrections - Study Group 16	2013	ITU-T	0
2407	Y.1541 AMD 1	Network performance objectives for IP-based services Amendment 1: New Appendix XII Considerations for low speed access networks - Study Group 12	2013	ITU-T	0
2408	X.782 CORR 1	Guidelines for defining web services for managed objects and management interfaces Corrigendum 1 - Study Group 2	2013	ITU-T	0
2409	T.801 AMD 3	(Pre-Published) Information technology JPEG 2000 image coding system Amendment 3: Extensions: Box-based file format for JPEG XR, extended ROI boxes, XML boxing, compressed channel definition boxes, and representation of floating point	2013	ITU-T	0
2410	Y.2301	(Pre-Published) Network Intelligence Capability Enhancement - Requirements and Capabilities - Study Group 13	2013	ITU-T	0
2411	H.323 AMD 1	Packet-based multimedia communications systems Amendment 1: Use of Facility message to enable call transfer - Study Group 16	2013	ITU-T	0
2412	H.460.7	Digit maps within ITU-T H.323 systems - Study Group 16	2013	ITU-T	0
2413	X.1037	IPv6 technical security guidelines - Study Group 17	2013	ITU-T	0
2414	X.1092	Integrated framework for telebiometric data protection in e-health and telemedicine - Study Group 17	2013	ITU-T	0
2415	SERIES L SUPP 2	ITU-T L.1410 Case studies - Study Group 5	2013	ITU-T	0
2416	H.248.29	Gateway control protocol: International CAS compelled register signalling packages - Study Group 16	2013	ITU-T	0
2417	T.808 AMD 5	Information technology JPEG 2000 image coding system: Interactivity tools, APIs and protocols Amendment 5: UDP transport and additional enhancements to JPIP - Study Group 16	2013	ITU-T	0
2418	J.206	Architecture for an application control framework using integrated broadcast and broadband digital television - Study Group 9	2013	ITU-T	0
2419	H.248.25	Gateway control protocol: Basic CAS packages - Study Group 16	2013	ITU-T	0
2420	P.85 AMD 1	A method for subjective performance assessment of the quality of speech voice output devices Amendment 1: New Appendix I Evaluation of speech output for audiobook reading tasks - Study Group 12	2013	ITU-T	0
2421	SERIES Y SUPP 21	(Pre-Published) ITU-T Y.2000-series Supplement on NGN requirements for interworking with legacy IP-based networks	2013	ITU-T	0
2422	H.225.0 AMD 1	Call signalling protocols and media stream packetization for packet-based multimedia communication systems Amendment 1: Use of the Facility message to enable call transfer - Study Group 16	2013	ITU-T	0
2423	G.998.1 AMD 1	(Pre-Published) ATM-based multi-pair bonding Amendment 1 - Study Group 15	2013	ITU-T	0
2424	D.195 SUPP 2	Time-scale for settlement of accounts for international telecommunication services Guidelines for day sales outstanding (DSO) management - Study Group 3	2013	ITU-T	0
2425	D.195 SUPP 1	Time-scale for settlement of accounts for international telecommunication services Credit management guidelines - Study Group 3	2013	ITU-T	0
2426	G.729.1 AMD 8	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Amendment 8: New Annex G describing an alternative floating-point implementation of the superwideband monaural extension - Study Group	2013	ITU-T	0
2427	H.248.26	Gateway control protocol: Enhanced analogue lines packages - Study Group 16	2013	ITU-T	0
2428	H.248.82	Gateway control protocol: Explicit congestion notification support - Study Group 16	2013	ITU-T	0
2429	G.996.2 AMD 4	Single-ended line testing for digital subscriber lines (DSL) Amendment 4: Updates to Annex E - Study Group 15	2013	ITU-T	0
2430	P.1201.1 AMD 1	Parametric non-intrusive assessment of audiovisual media streaming quality Lower resolution application area Amendment 1: New Appendix I Use of ITU-T P.1201.1 internal model parameters for diagnostic purposes - Study Group 12	2013	ITU-T	0
2431	X.1154	General framework of combined authentication on multiple identity service provider environments - Study Group 17	2013	ITU-T	0
2432	SERIES X SUPP 20	ITU-T X.1205 Supplement on framework of security information sharing negotiation - Study Group 17	2013	ITU-T	0
2433	G.8011.4	Ethernet virtual private rooted multipoint service - Study Group 15	2013	ITU-T	0

2434	SERIES X SUPP 18	ITU-T X.1205 Supplement on guidelines for abnormal traffic detection and control on IP-based telecommunication networks - Study Group 17	2013	ITU-T	0
2435	H.248.3	Gateway control protocol: User interface elements and actions packages - Study Group 16	2013	ITU-T	0
2436	H.460.2	Number portability interworking between ITU-T H.323 and switched circuit networks - Study Group 16	2013	ITU-T	0
2437	G.996.2 AMD 3	Single-ended line testing for digital subscriber lines (DSL) Amendment 3: Definition of accuracy values for MELT-PMD and MELT-P in Annex E - Study Group 15	2013	ITU-T	0
2438	SERIES Q SUPP 63	(Pre-Published) Signalling Protocol Mappings in Support of Emergency Telecommunications Service in IP Networks - Study Group 11	2013	ITU-T	0
2439	P.58	Head and torso simulator for telephonometry - Study Group 12	2013	ITU-T	0
2440	D.195 SUPP 3	Time-scale for settlement of accounts for international telecommunication services Prepayment guidelines - Study Group 3	2013	ITU-T	0
2441	X.1544	Common attack pattern enumeration and classification - Study Group 17	2013	ITU-T	0
2442	D.170 SUPP 5	Monthly telephone and telex accounts Supplement on guidelines for fraud mitigation - Study Group 3	2013	ITU-T	0
2443	SERIES L SUPP 1	ITU-T L.1310 Supplement on energy efficiency for telecommunication equipment - Study Group 5	2013	ITU-T	0
2444	H.626.1	Architecture for mobile visual surveillance - Study Group 16	2013	ITU-T	0
2445	Q.1742.10	IMT-2000 References (approved as of 31 December 2011) to ANSI-41 evolved Core Network with cdma2000 Access Network - Study Group 13	2013	ITU-T	0
2446	H.460.19	(Pre-Published) Traversal of H.323 media across network address translators and firewalls - Study Group 16	2013	ITU-T	0
2447	G.808.2	Generic protection switching Ring protection - Study Group 15	2013	ITU-T	0
2448	H.248.11	Gateway control protocol: Media gateway overload control package - Study Group 16	2013	ITU-T	0
2449	G.8261	Timing and synchronization aspects in packet networks - Study Group 15	2013	ITU-T	0
2450	L.1430	Methodology for assessment of the environmental impact of information and communication technology greenhouse gas and energy projects - Study Group 5	2013	ITU-T	0
2451	F.747.3	Requirements and functional model for a ubiquitous network robot platform that supports ubiquitous sensor network applications and services - Study Group 16	2013	ITU-T	0
2452	G.7712 AMD 1	Architecture and specification of data communication network Amendment 1 - Study Group 15	2013	ITU-T	0
2453	G.798.1 AMD 1	(Pre-Published) Types and characteristics of optical transport network equipment Amendment 1	2013	ITU-T	0
2454	SERIES H SUPP 12	Gateway control protocol: Priority traffic treatment by ITU-T H.248 gateways - Study Group 16	2013	ITU-T	0
2455	SERIES L SUPP 3	ITU-T L.1430 Guidance on practical application of ITU-T L.1430 to a real-time navigation service - Study Group 5	2013	ITU-T	0
2456	G.8011.1	Ethernet private line service - Study Group 15	2013	ITU-T	0
2457	Q.3943.3	Conformance tests specification for the originating identification presentation and originating identification restriction using the IP multimedia core network subsystem Part 3: User side Test suite structure and test purposes - Study Group 11	2013	ITU-T	0
2458	E.1110	Allocation and assignment of E.164 country code 888	2013	ITU-T	0
2459	Q.818 CORR 1	Web services-based management services Corrigendum 1 - Study Group 2	2013	ITU-T	0
2460	H.248.1	Gateway Control Protocol: Version 3 - Study Group 16	2013	ITU-T	0
2461	Q.3942.1	Conformance test specification for the terminating identification restriction using IP multimedia core network subsystem Part 1: Protocol implementation conformance statement - Study Group 11	2013	ITU-T	0
2462	Y.2770 NOTE	Requirements for deep packet inspection in next generation networks	2013	ITU-T	0
2463	M.3706	Common management services Test management Protocol neutral requirements and analysis - Study Group 2	2013	ITU-T	0
2464	F.747.4	(Pre-Published) Requirements and functional architecture for the open USN service platform - Study Group 16	2013	ITU-T	0
2465	G.9801	Ethernet passive optical networks using OMCI - Study Group 15	2013	ITU-T	0
2466	X.1255	Framework for discovery of identity management information - Study Group 17	2013	ITU-T	0

2467	Q.1741.8	IMT-2000 references to Release 10 of GSM-evolved UMTS core network - Study Group 13	2013	ITU-T	0
2468	H.460.1	Guidelines for the use of the generic extensible framework - Study Group 16	2013	ITU-T	0
2469	SERIES E SUPP 9	(Pre-Published) Guidelines on Regulatory Aspects of QoS	2013	ITU-T	0
2470	T.871 NOTE	Information technology Digital compression and coding of continuous-tone still images: JPEG File Interchange Format (JFIF)	2013	ITU-T	0
2471	X.1156	Non-repudiation framework based on a one-time password - Study Group 17	2013	ITU-T	0
2472	G.8011.3	Ethernet virtual private LAN service - Study Group 15	2013	ITU-T	0
2473	SERIES X SUPP 19	ITU-T X.1120-X.1139 series Supplement on security aspects of smartphones - Study Group 17	2013	ITU-T	0
2474	H.248.19	Gateway control protocol: Decomposed multipoint control unit, audio, video and data conferencing packages - Study Group 16	2013	ITU-T	0
2475	SERIES Y SUPP 24	ITU-T Y.2000-series Supplement on N-screen service scenarios for fixed mobile convergence - Study Group 13	2013	ITU-T	0
2476	H.248.36	Gateway control protocol: Hanging Termination Detection package - Study Group 16	2013	ITU-T	0
2477	G.8011.2	Ethernet virtual private line service - Study Group 15	2013	ITU-T	0
2478	Y.1353	(Pre-Published) Terms and definitions for Automatically Switched Optical Networks (ASON)	2012	ITU-T	0
2479	G.8251 CORR 1	The control of jitter and wander within the optical transport network (OTN) Corrigendum 1 - Study Group 15	2012	ITU-T	0
2480	L.1420	Methodology for energy consumption and greenhouse gas emissions impact assessment of information and communication technologies in organizations - Study Group 5	2012	ITU-T	0
2481	Y.2023	Functional requirements and architecture for the next generation network multimedia communication centre service - Study Group 13	2012	ITU-T	0
2482	G.728	Coding of speech at 16 kbit/s using low-delay code excited linear prediction - Study Group 16	2012	ITU-T	0
2483	J.902	Multilayered data structure for scalable view-range representation - Study Group 9	2012	ITU-T	0
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2487	G.7044 AMD 1	(Pre-Published) Hitless Adjustment of ODUflex(GFP) (HAO) Amendment 1	2012	ITU-T	0
2488	F.746	Requirements of multimedia optimization control components - Study Group 16	2012	ITU-T	0
2489	D.156 AMD 2	Network externalities Amendment 2: New Annex B Determination of the network externality premium - Study Group 3	2012	ITU-T	0
2490	M.3347	Requirements for the NGN service activation across the interface between the network management system and the element management system - Study Group 2	2012	ITU-T	0
2491	F.747.2	Deployment guidelines for ubiquitous sensor network applications and services for mitigating climate change - Study Group 16	2012	ITU-T	0
2492	L.92	Disaster management for outside plant facilities - Study Group 15	2012	ITU-T	0
2493	D.170 SUPP 4	Monthly telephone and telex accounts Supplement on guidelines for net settlement generic templates - Study Group 3	2012	ITU-T	0
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2496	M.1402	Formalization of data for service management - Study Group 2	2012	ITU-T	0
2497	H.627	Signalling and protocols for visual surveillance - Study Group 16	2012	ITU-T	0
2498	X.1313	Security requirements for wireless sensor network routing - Study Group 17	2012	ITU-T	0
2499	T.832	Information technology JPEG XR image coding system Image coding specification - Study Group 16	2012	ITU-T	0

2500	SERIES Y SUPP 19	ITU-T Y.2200-series Supplement on the risk analysis service in next generation networks - Study Group 13	2012	ITU-T	0
2501	Y.2812	Mobility management for interworking between WiMAX and UMTS - Study Group 13	2012	ITU-T	0
2502	SERIES Y SUPP 20	ITU-T Y.1900-series Supplement on scenarios and use cases of mobile IPTV - Study Group 13	2012	ITU-T	0
2503	K.92	Conducted and radiated electromagnetic environment in home networking - Study Group 5	2012	ITU-T	0
2504	H.741.2	IPTV application event handling: Data structures of audience measurement for IPTV services - Study Group 16	2012	ITU-T	0
2505	X.1528.3	Common platform enumeration dictionary - Study Group 17	2012	ITU-T	0
2506	Y.2063	Framework of the web of things - Study Group 13	2012	ITU-T	0
2507	T.813	(Pre-Published) Information technology JPEG 2000 image coding system XML representation and reference (JPXML)	2012	ITU-T	0
2508	Q.3613	Signalling requirements for touch screen terminal-based interactive voice response services - Study Group 11	2012	ITU-T	0
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2510	G.9904	Narrowband orthogonal frequency division multiplexing power line communication transceivers for PRIME networks - Study Group 15	2012	ITU-T	0
2511	F.747.1	Capabilities of ubiquitous sensor networks for supporting the requirements of smart metering services - Study Group 16	2012	ITU-T	0
2512	Q.3308.1	Resource control protocol No. 8 Protocol at the interface between a policy decision physical entity and a customer premises network gateway policy enforcement physical entity (Rh interface): COPS alternative - Study Group 11	2012	ITU-T	0
2513	G.8081	Terms and definitions for automatically switched optical networks - Study Group 15	2012	ITU-T	0
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2515	SERIES X SUPP 13	ITU-T X.1051 Supplement on information security management users guide for Recommendation ITU-T X.1051 - Study Group 17	2012	ITU-T	0
2516	E.164 SUPP 2	The international public telecommunication numbering plan Supplement 2: Number portability - Study Group 2	2012	ITU-T	0
2517	A.2	Presentation of contributions to the ITU Telecommunication Standardization Sector - Study Group Assembly	2012	ITU-T	0
2518	G.987	10-Gigabit-capable passive optical network (XG-PON) systems: Definitions, abbreviations and acronyms - Study Group 15	2012	ITU-T	0
2519	X.1196	Framework for the downloadable service and content protection system in the mobile Internet Protocol television environment - Study Group 17	2012	ITU-T	0
2520	Q.3230	Signalling requirements and protocol at the M13 interface between the transport location management and network information distribution physical entities - Study Group 11	2012	ITU-T	0
2521	G.9980	Remote management of customer premises equipment over broadband networks Customer premises equipment WAN management protocol - Study Group 15	2012	ITU-T	0
2522	X.1254	Entity authentication assurance framework - Study Group 17	2012	ITU-T	0
2523	Y.3011	Framework of network virtualization for future networks - Study Group 13	2012	ITU-T	0
2524	Y.2252	Identification and configuration of resources for multi-connection - Study Group 13	2012	ITU-T	0
2525	Y.2811	Framework of the mobile virtual private network service in next generation networks - Study Group 13	2012	ITU-T	0
2526	J.381	Requirements for advanced digital cable transmission technologies - Study Group 9	2012	ITU-T	0
2527	D.195	Time-scale for settlement of accounts for international telecommunication services - Study Group 3	2012	ITU-T	0
2528	X.1528	Common platform enumeration - Study Group 17	2012	ITU-T	0
2529	Y.2024	Functional requirements and architecture of the web service component in next generation networks - Study Group 13	2012	ITU-T	0
2530	A.6	Cooperation and exchange of information between the ITU Telecommunication Standardization Sector and national and regional standards development organizations - Study Group Assembly	2012	ITU-T	0
2531	G.806	Characteristics of transport equipment Description methodology and generic functionality - Study Group 15	2012	ITU-T	0
2532	H.741.4	IPTV application event handling: Transport mechanisms for audience measurement - Study Group 16	2012	ITU-T	0
2533	H.641	SNMP-based sensor network management framework - Study Group 16	2012	ITU-T	0

2534	Q.3912	Set of parameters for monitoring next generation network streaming services - Study Group 11	2012	ITU-T	0
2535	K.47	Protection of telecommunication lines against direct lightning flashes - Study Group 5	2012	ITU-T	0
2536	G.729.1 AMD 7	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Amendment 7: New Annex F with voice activity detector using ITU-T G.720.1 Annex A - Study Group 16	2012	ITU-T	0
2537	SERIES G SUPP 47	General aspects of optical fibres and cables - Study Group 15	2012	ITU-T	0
2538	G.722	7 kHz audio-coding within 64 kbit/s - Study Group 16	2012	ITU-T	0
2539	P.505 AMD 1	One-view visualization of speech quality measurements results Amendment 1: New Appendix II Online tool for quality pie charts - Study Group 12	2012	ITU-T	0
2540	X.1524	Common weakness enumeration - Study Group 17	2012	ITU-T	0
2541	X.1197	Guidelines on criteria for selecting cryptographic algorithms for IPTV service and content protection - Study Group 17	2012	ITU-T	0
2542	D.150 SUPP 1	(Pre-Published) New system for accounting in international telephony Supplement 1: Checklist for Bi-lateral complex agreements	2012	ITU-T	0
2543	X.1581	Transport of real-time inter-network defence messages - Study Group 17	2012	ITU-T	0
2544	Q.3304.1	Resource control protocol No. 4 (rcp4) Protocols at the Rc interface between a transport resource control physical entity and a transport physical entity: COPS alternative - Study Group 11	2012	ITU-T	0
2545	X.603	(Pre-Published) Information technology Relayed multicast protocol: Framework	2012	ITU-T	0
2546	X.782	Guidelines for defining web services for managed objects and management interfaces - Study Group 2	2012	ITU-T	0
2547	G.161	Interaction aspects of signal processing network equipment - Study Group 16	2012	ITU-T	0
2548	Y.2062	Framework of object-to-object communication for ubiquitous networking in next generation networks - Study Group 13	2012	ITU-T	0
2549	Y.2080	Functional architecture for distributed service networking - Study Group 13	2012	ITU-T	0
2550	G.160	Voice enhancement devices - Study Group 16	2012	ITU-T	0
2551	X.1091	A guideline for evaluating telebiometric template protection techniques - Study Group 17	2012	ITU-T	0
2552	H.764	IPTV services enhanced script language - Study Group 16	2012	ITU-T	0
2553	G.729	Coding of speech at 8 kbit/s using conjugate-structure algebraic-code-excited linear prediction (CS-ACELP) - Study Group 16	2012	ITU-T	0
2554	Y.1362 AMD 1	Timing characteristics of a synchronous Ethernet equipment slave clock Amendment 1 - Study Group 15	2012	ITU-T	0
2555	SERIES Y SUPP 16	ITU-T Y.1900-series Supplement on guidelines on deployment of IP multicast for IPTV content delivery - Study Group 13	2012	ITU-T	0
2556	Y.1566	Quality of service mapping and interconnection between Ethernet, Internet protocol and multiprotocol label switching networks - Study Group 12	2012	ITU-T	0
2557	G.987.4	10 Gigabit-capable passive optical networks (XG-PON): Reach extension - Study Group 15	2012	ITU-T	0
2558	H.248.83	(Pre-Published) Gateway control protocol: Media Gateway Instance Package	2012	ITU-T	0
2559	G.984.1 AMD 2	Gigabit-capable passive optical networks (GPON): General characteristics Amendment 2 - Study Group 15	2012	ITU-T	0
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2561	G.671	Transmission characteristics of optical components and subsystems - Study Group 15	2012	ITU-T	0
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2767	T.871	Information technology Digital compression and coding of continuous-tone still images: JPEG File Interchange Format (JFIF) - Study Group 16	2011	ITU-T	0
2768	J.705	IPTV client provisioning, activation, configuration and management interface definition - Study Group 9	2011	ITU-T	0
2769	X.1195	(Pre-Published) Service and content protection (SCP) interoperability scheme	2011	ITU-T	0
2770	X.674	Procedures for the registration of arcs under the Alerting object identifier arc - Study Group 17	2011	ITU-T	0
2771	Y.2281	(Pre-Published) Framework of networked vehicle services and applications using NGN	2011	ITU-T	0
2772	X.891 CORR 1	Information technology Generic applications of ASN.1: Fast Infoset Technical Corrigendum 1 - Study Group 17	2011	ITU-T	0
2773	T.809 CORR 1	(Pre-Published) Information technology - JPEG 2000 image coding system: Extensions for three-dimensional data: Minor corrections plus clarifications on code stream CAP marker segments and quantization of JP3D images Technical Corrigendum 1	2011	ITU-T	0
2774	Q.3945	(Pre-Published) The types and list of NGN services testing on the Model networks. Test set I	2011	ITU-T	0
2775	X.1153	Management framework of a one time password-based authentication service - Study Group 17	2011	ITU-T	0
2776	X.1311	Information technology Security framework for ubiquitous sensor networks - Study Group 17	2011	ITU-T	0
2777	SERIES T SUPP 2	(Pre-Published) JPEG XR image coding system System architecture	2011	ITU-T	0
2778	SERIES X SUPP 11	ITU-T X.1245 Supplement on framework based on real-time blocking lists for countering VoIP spam - Study Group 17	2011	ITU-T	0
2779	M.3344	Requirements and analysis for NGN appointment management across the business-to-business and customer-to-business interfaces - Study Group 2	2011	ITU-T	0
2780	P.341	(Pre-Published) Transmission characteristics for wideband digital loudspeaking and hands-free telephony terminals	2011	ITU-T	0
2781	K.86	Method for measuring longitudinal conversion loss (9 kHz - 30 MHz) - Study Group 5	2011	ITU-T	0
2782	M.3016.4 AMD 1	Security for the management plane: Profile proforma Amendment 1: Authentication extension - Study Group 2	2011	ITU-T	0
2783	Y.2251	Multi-connection requirements - Study Group 13	2011	ITU-T	0
2784	H.350.5	Directory services architecture for non-standard protocols - Study Group 16	2011	ITU-T	0
2785	SERIES G SUPP 49	(Pre-Published) Rogue optical network unit (ONU) considerations	2011	ITU-T	0
2786	J.380.7	(Pre-Published) Digital Program Insertion Advertising Systems Interfaces: Part 7 Message Transport	2011	ITU-T	0
2787	E.101 AMD 1	Definitions of terms used for identifiers (names, numbers, addresses and other identifiers) for public telecommunication services and networks in the E-series Recommendations Amendment 1: New Appendix I Alphabetical list of items - Study Group 2	2011	ITU-T	0
2788	P.835 CORR 1	Subjective test methodology for evaluating speech communication systems that include noise suppression algorithm Corrigendum 1 - Study Group 12	2011	ITU-T	0
2789	G.7044	(Pre-Published) Hitless Adjustment of ODUflex(GFP) (HAO)	2011	ITU-T	0
2790	X.1193	(Pre-Published) Key management framework for secure Internet protocol television (IPTV) services	2011	ITU-T	0
2791	Y.2621	(Pre-Published) Requirements of independent Scalable Control Plane (iSCP) in FPBN	2011	ITU-T	0

2792	Y.2020	(Pre-Published) Open service environment functional architecture for NGN	2011	ITU-T	0
2793	T.88 AMD 3	(Pre-Published) Information technology Lossy/lossless coding of bi-level images: Extension to colour coding Amendment 3	2011	ITU-T	0
2794	Q.1741.7	(Pre-Published) IMT-2000 references to Release 9 of GSM-evolved UMTS core network	2011	ITU-T	0
2795	SERIES Q SUPP 62	Overview of the work of standards development organizations and other organizations on emergency telecommunications service - Study Group 11	2011	ITU-T	0
2796	Y.2809	Framework of mobility management in the service stratum for next generation networks - Study Group 13	2011	ITU-T	0
2797	D.50 SUPP 2	International Internet connection Supplement 1: General considerations for traffic measurement and options for international internet connectivity - Study Group 3	2011	ITU-T	0
2798	X.1192	Functional requirements and mechanisms for the secure transcoding of IPTV - Study Group 17	2011	ITU-T	0
2799	J.380.6	(Pre-Published) Digital Program Insertion Advertising Systems Interfaces: Part 6 Subscriber Information Service	2011	ITU-T	0
2800	L.1400	Overview and general principles of methodologies for assessing the environmental impact of information and communication technologies - Study Group 5	2011	ITU-T	0
2801	K.72	(Pre-Published) Protection of telecommunication lines using metallic conductors against lightning Risk management	2011	ITU-T	0
2802	D.50 SUPP 1	International Internet connection Supplement 1: General considerations for traffic measurement and options for international internet connectivity - Study Group 3	2011	ITU-T	0
2803	X.660	Information technology Procedures for the operation of object identifier registration authorities: General procedures and top arcs of the international object identifier tree - Study Group 17	2011	ITU-T	0
2804	Y.2614	(Pre-Published) Network reliability in PTDN	2011	ITU-T	0
2805	Q.3941.4	Network integration testing between SIP and ISDN/PSTN network signalling protocols Part 4: Abstract test suite and partial protocol implementation extra information for testing proforma specification for SIP-SIP Recommendation ITU-T Q.3941.4 - Study Group	2011	ITU-T	0
2806	J.380.5	(Pre-Published) Digital Program Insertion Advertising Systems Interfaces: Part 5 Placement Opportunity Information Service	2011	ITU-T	0
2807	Q.3203	(Pre-Published) Signalling requirements and architecture of NACF for IP mobility	2011	ITU-T	0
2808	Y.3001	Future Networks: Objectives and Design Goals - Study Group 13	2011	ITU-T	0
2809	H.450.2	Call transfer supplementary service for ITU-T H.323 systems - Study Group 16	2011	ITU-T	0
2810	J.342	Objective multimedia video quality measurement of HDTV for digital cable television in the presence of a reduced reference signal - Study Group 9	2011	ITU-T	0
2811	H.450.3	(Pre-Published) Call diversion supplementary service for H.323	2011	ITU-T	0
2812	X.1570	Discovery mechanisms in the exchange of cybersecurity information - Study Group 17	2011	ITU-T	0
2813	K.71	(Pre-Published) Protection of customer antenna installations	2011	ITU-T	0
2814	Q.3931.1	Performance benchmark for the PSTN/ISDN emulation subsystem of an IP multimedia system Part 1: Core concepts - Study Group 11	2011	ITU-T	0
2815	P.311	Transmission characteristics for wideband digital handset and headset telephones - Study Group 12	2011	ITU-T	0
2816	H.350.1	Directory services architecture for H.323 - Study Group 16	2011	ITU-T	0
2817	Y.2055	Framework of object mapping using IPv6 in next generation networks - Study Group 13	2011	ITU-T	0
2818	Y.2022	(Pre-Published) Functional architecture for the support of hostbased ID/locator separation in NGN	2011	ITU-T	0
2819	Y.2291	Architectural overview of next generation home networks - Study Group 13	2011	ITU-T	0
2820	Z.120	Message Sequence Chart (MSC) - Study Group 17	2011	ITU-T	0
2821	Q.3305.1	Resource control protocol No. 5 (rcp5) Protocol at the interface between transport resource control physical entity and policy decision physical entity (Rt interface): Diameter-based - Study Group 11	2011	ITU-T	0
2822	H.350.3	Directory services architecture for H.320 - Study Group 16	2011	ITU-T	0
2823	K.83	Monitoring field strengths of electromagnetic fields - Study Group 5	2011	ITU-T	0
2824	X.1090	(Pre-Published) Authentication framework with one-time telebiometric template	2011	ITU-T	0

2825	Q.3941.3	Network integration testing between SIP and ISDN/PSTN network signalling protocols Part 3: Test suite structure and test purposes for SIP-SIP - Study Group 11	2011	ITU-T	0
2826	J.380.3	(Pre-Published) Digital Program Insertion Advertising Systems Interfaces: Part 3 Ad Management Service Interface	2011	ITU-T	0
2827	K.66	(Pre-Published) Protection of customer premises from overvoltages	2011	ITU-T	0
2828	Z.150	User Requirements Notation (URN) Language requirements and framework - Study Group 17	2011	ITU-T	0
2829	M.727	Planned outage notification point - Study Group 2	2011	ITU-T	0
2830	J.603	Real-time transmission system for signals of an expanded hierarchy of large screen digital imagery using spatial image segmentation for parallel processing - Study Group 9	2011	ITU-T	0
2831	H.350.2	Directory services architecture for H.235 - Study Group 16	2011	ITU-T	0
2832	G.718 CORR 3	Frame error robust narrow-band and wideband embedded variable bit-rate coding of speech and audio from 8-32 kbit/s Corrigendum 3: Corrections to text and C-code - Study Group 16	2011	ITU-T	0
2833	Y.2091	Terms and definitions for next generation networks - Study Group 13	2011	ITU-T	0
2834	G.973.2	Multichannel DWDM applications with single channel optical interfaces for repeaterless optical fibre submarine cable systems - Study Group 15	2011	ITU-T	0
2835	T.802 AMD 1	Information technology JPEG 2000 image coding system: Motion JPEG 2000 Amendment 1: Additional profiles for archiving applications - Study Group 16	2010	ITU-T	0
2836	SERIES G SUPP 43	Transport of IEEE 10GBASE-R in optical transport networks (OTN) - Study Group 15	2010	ITU-T	0
2837	O.174 CORR 1	Jitter and wander measuring equipment for digital systems which are based on synchronous Ethernet technology Corrigendum 1 - Study Group 15	2010	ITU-T	0
2838	H.248.73	Gateway control protocol: Packages for media server control markup language and ITU-T H.248 interworking - Study Group 16	2010	ITU-T	0
2839	D.170	Monthly telephone and telex accounts - Study Group 3	2010	ITU-T	0
2840	E.164	The international public telecommunication numbering plan - Study Group 2	2010	ITU-T	0
2841	Q.3904	Testing principles for IMS model networks, and identification of relevant conformance, interoperability and functionality tests - Study Group 11	2010	ITU-T	0
2842	G.992.3 AMD 3	Asymmetric digital subscriber line transceivers 2 (ADSL2) Amendment 3: Scale factor for downstream transmitter referred virtual noise, and corrigenda - Study Group 15	2010	ITU-T	0
2843	J.366.4	IPCablecom2 IP Multimedia Subsystem (IMS): Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Stage 3 specification - Study Group 9	2010	ITU-T	0
2844	Y.2704	Security mechanisms and procedures for NGN - Study Group 13	2010	ITU-T	0
2845	M.3702	Common management services Notification management Protocol neutral requirement and analysis - Study Group 2	2010	ITU-T	0
2846	J.366.7	IPCablecom2 IP Multimedia Subsystem (IMS): Access security for IP-based services - Study Group 9	2010	ITU-T	0
2847	P.502 AMD 1	Objective test methods for speech communication systems using complex test signals Amendment 1: New Appendix III Automated double talk analysis procedure - Study Group 12	2010	ITU-T	0
2848	Y.2206	(Pre-Published) Requirements for distributed service networking (DSN) capabilities	2010	ITU-T	0
2849	Y.2007	(Pre-Published) NGN capability set 2	2010	ITU-T	0
2850	G.191	Software tools for speech and audio coding standardization - Study Group 16	2010	ITU-T	0
2851	X.1032	Architecture of external interrelationships for a telecommunication IP-based network security system - Study Group 17	2010	ITU-T	0
2852	Q.3322	(Pre-Published) Resource control protocol no. 2 (rcp2) Protocol at the interface between Transport Resource Control Physical Entities (TRC-PEs) (Rp interface)	2010	ITU-T	0
2853	X.603.2	(Pre-Published) Information technology â Relayed multicast protocol: Specification for N-plex group applications	2010	ITU-T	0
2854	Q.3220	Architectural framework for NACF signalling interface Recommendations - Study Group 11	2010	ITU-T	0
2855	T.833	Information technology JPEG XR image coding system Motion JPEG XR - Study Group 16	2010	ITU-T	0
2856	Y.2613	General technical architecture for public packet telecommunication data network - Study Group 13	2010	ITU-T	0

2857	Y.1701 AMD 1	Common equipment management function requirements Amendment 1: Required specification of severely errored second to align with Recommendation ITU-T Y.1563 - Study Group 15	2010	ITU-T	0
2858	M.3704	Common management service Performance management Protocol neutral requirements and analysis - Study Group 2	2010	ITU-T	0
2859	Y.2721	NGN identity management requirements and use cases - Study Group 13	2010	ITU-T	0
2860	Q.3040	Signalling architecture for IPTV control plane - Study Group 11	2010	ITU-T	0
2861	G.999.1 CORR 1	Interface between the link layer and the physical layer for digital subscriber line (DSL) transceivers Corrigendum 1 - Study Group 15	2010	ITU-T	0
2862	G.780	Terms and definitions for synchronous digital hierarchy (SDH) networks - Study Group 15	2010	ITU-T	0
2863	X.604.1	Information technology Mobile multicast communications: Protocol over native IP multicast networks - Study Group 11	2010	ITU-T	0
2864	K.12	Characteristics of gas discharge tubes for the protection of telecommunications installations - Study Group 5	2010	ITU-T	0
2865	Y.1707	Architecture of control plane operations - Study Group 15	2010	ITU-T	0
2866	Q.3906.1	(Pre-Published) The scenarios, list and types of tests for fixed Broadband NUT testing on the Model networks. PART I	2010	ITU-T	0
2867	X.603.1 AMD 2	(Pre-Published) Information Technology Relayed multicast protocol: Specification for simplex group applications Amendment 2 Messages and code values	2010	ITU-T	0
2868	Y.2237	Functional model and service scenarios for QoS-enabled mobile VoIP service - Study Group 13	2010	ITU-T	0
2869	X.1252	Baseline identity management terms and definitions - Study Group 17	2010	ITU-T	0
2870	D.170 SUPP 1	Monthly telephone and telex accounts Supplement 1 Dispute management guidelines - Study Group 3	2010	ITU-T	0
2871	E.115	Computerized directory assistance - Study Group 17	2010	ITU-T	0
2872	H.248.71	Gateway control protocol: RTCP support packages - Study Group 16	2010	ITU-T	0
2873	X.672	Information technology Open systems interconnection Object identifier resolution system - Study Group 17	2010	ITU-T	0
2874	M.3700	Common management services Object management Protocol neutral requirements and analysis - Study Group 2	2010	ITU-T	0
2875	Y.2012	Functional requirements and architecture of next generation networks - Study Group 13	2010	ITU-T	0
2876	L.50	Requirements for passive optical nodes: Optical distribution frames for central office environments - Study Group 15	2010	ITU-T	0
2877	G.984.4 CORR 1	Gigabit-capable passive optical networks (G-PON): ONT management and control interface specification Corrigendum 1 - Study Group 15	2010	ITU-T	0
2878	Q.3320	Architectural framework for the Q.332x series of Recommendations - Study Group 11	2010	ITU-T	0
2879	SERIES Y SUPP 9	(Pre-Published) Supplement on multi-connection scenarios	2010	ITU-T	0
2880	X.1101	Security requirements and framework for multicast communication - Study Group 17	2010	ITU-T	0
2881	J.366.3	IPCablecom2 IP Multimedia Subsystem (IMS): Stage 2 Specification - Study Group 9	2010	ITU-T	0
2882	G.653	Characteristics of a dispersion-shifted, single-mode optical fibre and cable - Study Group 15	2010	ITU-T	0
2883	X.1275	Guidelines on protection of personally identifiable information in the application of RFID technology - Study Group 17	2010	ITU-T	0
2884	G.7712	Architecture and specification of data communication network - Study Group 15	2010	ITU-T	0
2885	X.604.1	(Pre-Published) Information Technology Mobile Multicast Communications: Protocol over Native IP Multicast Networks	2010	ITU-T	0
2886	G.992.3 AMD 1	Asymmetric digital subscriber line transceivers 2 (ADSL2) Amendment 1: Channel initialization policies - Study Group 15	2010	ITU-T	0
2887	SERIES Q SUPP 61	(Pre-Published) Evaluation of Signalling Protocols to Support Y.2171 Admission Control Priority Levels	2010	ITU-T	0
2888	M.3701	Common management services State management Protocol neutral requirements and analysis - Study Group 2	2010	ITU-T	0
2889	L.85	Optical fibre identification for the maintenance of optical access networks - Study Group 15	2010	ITU-T	0
2890	SERIES Q SUPP 60	Supplement to Recommendations ITU-T Q.3610 and ITU-T Q.3611 Service flows for customized multimedia ring-back tone (CRBT) and customized multimedia ringing tone (CRT) services - Study Group 11	2010	ITU-T	0
2891	Q.3910	Parameters for monitoring NGN protocols - Study Group 11	2010	ITU-T	0
2892	Q.3311	Enhancement of resource and admission control protocols to use pre-congestion notification - Study Group 11	2010	ITU-T	0

2893	G.720.1	(Pre-Published) Generic sound activity detector (GSAD)	2010	ITU-T	0
2894	Y.1221	Traffic control and congestion control in IP-based networks - Study Group 12	2010	ITU-T	0
2895	L.83	Low impact trenching technique for FTTx networks - Study Group 15	2010	ITU-T	0
2896	G.656	Characteristics of a fibre and cable with non-zero dispersion for wideband optical transport - Study Group 15	2010	ITU-T	0
2897	SERIES Y SUPP 10	(Pre-Published) Supplement on distributed service network (DSN) use cases	2010	ITU-T	0
2898	Y.1703	Architecture and specification of data communication network - Study Group 15	2010	ITU-T	0
2899	X.604	(Pre-Published) INFORMATION TECHNOLOGY MOBILE MULTICAST COMMUNICATIONS: FRAMEWORK	2010	ITU-T	0
2900	L.78 AMD 1	Optical fibre cable construction for sewer duct applications Amendment 1: New Appendix III Italian experience: Construction of special optical fibre cables for extreme applications in sewer ducts - Study Group 15	2010	ITU-T	0
2901	G.7716	Architecture of control plane operations - Study Group 15	2010	ITU-T	0
2902	Y.1304 AMD 2	(Pre-Published) Architecture for the automatically switched optical network (ASON) Amendment 2	2010	ITU-T	0
2903	G.984.4 AMD 3	Gigabit-capable passive optical networks (G-PON): ONT management and control interface specification Amendment 3: Clarification of scope of application - Study Group 15	2010	ITU-T	0
2904	SERIES Y SUPP 12	ITU-T Y.2720 Supplement on NGN identity management mechanisms - Study Group 13	2010	ITU-T	0
2905	Y.1911	IPTV services and nomadism: Scenarios and functional architecture for unicast delivery - Study Group 13	2010	ITU-T	0
2906	Y.1362	Timing characteristics of a synchronous Ethernet equipment slave clock - Study Group 15	2010	ITU-T	0
2907	O.172 AMD 2	Jitter and wander measuring equipment for digital systems which are based on the synchronous digital hierarchy (SDH) Amendment 2: Alternative clock and jitter generation and a new verification method for STM-256 reference transmitter intrinsic jitter - St	2010	ITU-T	0
2908	J.249	Perceptual video quality measurement techniques for digital cable television in the presence of a reduced reference - Study Group 9	2010	ITU-T	0
2909	Y.1542	Framework for achieving end-to-end IP performance objectives - Study Group 12	2010	ITU-T	0
2910	Q.3911	Parameters for monitoring voice services in NGN - Study Group 11	2010	ITU-T	0
2911	Q.3312	Use of the access node control protocol on the Rp interface - Study Group 11	2010	ITU-T	0
2912	V.254	Asynchronous serial command interface for assistive and multi-functional communication devices - Study Group 16	2010	ITU-T	0
2913	H.460.25	Transport of geographic information in ITU-T H.323 systems - Study Group 16	2010	ITU-T	0
2914	A.23 ANX A	Guide for ITU-T and ISO/IEC JTC 1 Cooperation	2010	ITU-T	0
2915	L.82	Optical cabling shared with multiple operators in buildings - Study Group 15	2010	ITU-T	0
2916	G.729.1 AMD 6	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Amendment 6: New Annex E on superwideband scalable extension - Study Group 16	2010	ITU-T	0
2917	D.170 SUPP 2	Monthly telephone and telex accounts Supplement 2 Dispute process guidelines - Study Group 3	2010	ITU-T	0
2918	X.1243	Interactive gateway system for countering spam - Study Group 17	2010	ITU-T	0
2919	D.000	Terms and definitions for the D-series Recommendations - Study Group 3	2010	ITU-T	0
2920	J.388	Real-time video and audio transmission system over IP networks - Study Group 9	2010	ITU-T	0
2921	Y.1991	Terms and definitions for IPTV - Study Group 13	2010	ITU-T	0
2922	T.808 AMD 4	Information technology JPEG 2000 image coding system: Interactivity tools, APIs and protocols Amendment 4: JPIP server and client profiles - Study Group 16	2010	ITU-T	0
2923	H.763.1	Cascading style sheets for IPTV services - Study Group 16	2010	ITU-T	0
2924	X.1209	Capabilities and their context scenarios for cybersecurity information sharing and exchange - Study Group 17	2010	ITU-T	0
2925	SERIES G SUPP 40	Optical fibre and cable Recommendations and standards guideline - Study Group 15	2010	ITU-T	0
2926	J.366.2	IPCablecom2 IP Multimedia Subsystem (IMS): Session handling IM call model Stage 2 specification - Study Group 9	2010	ITU-T	0

2927	X.604.2	(Pre-Published) Information technology Mobile multicast communications: Protocol over overlay multicast networks	2010	ITU-T	0
2928	Y.1353	(Pre-Published) Terms and definitions for Automatically Switched Optical Networks (ASON)	2010	ITU-T	0
2929	G.984.7	Gigabit-capable passive optical networks (GPON): Long reach - Study Group 15	2010	ITU-T	0
2930	Y.2221	Requirements for support of ubiquitous sensor network (USN) applications and services in the NGN environment - Study Group 13	2010	ITU-T	0
2931	J.200	Worldwide common core Application environment for digital interactive television services - Study Group 9	2010	ITU-T	0
2932	K.82	Characteristics and ratings of solid-state, self-restoring overcurrent protectors for the protection of telecommunications installations - Study Group 5	2010	ITU-T	0
2933	G.986	1 Gbit/s point-to-point Ethernet-based optical access system - Study Group 15	2010	ITU-T	0
2934	G.783 AMD 2	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks Amendment 2: Support for optical modules transporting 40 Gigabit/s signals via a multilane interface - Study Group 15	2010	ITU-T	0
2935	L.86	Considerations on the installation site of branching components in passive optical networks for fibre to the home - Study Group 15	2010	ITU-T	0
2936	Y.2216	NGN capability requirements to support the multimedia communication centre service - Study Group 13	2010	ITU-T	0
2937	Y.2233	Requirements and framework allowing accounting and charging capabilities in NGN - Study Group 13	2010	ITU-T	0
2938	SERIES Y SUPP 9	(Pre-Published) Supplement on multi-connection scenarios	2010	ITU-T	0
2939	Y.1361 AMD 1	(Pre-Published) Timing and synchronization aspects in packet networks Amendment 1	2010	ITU-T	0
2940	X.1082 AMD 2	(Pre-Published) Telebiometrics related to human physiology Amendment 2: Enhancement to support the ISO/IEC 80000-series	2010	ITU-T	0
2941	SERIES X SUPP 8	ITU-T X.1205 Supplement on best practices against botnet threats - Study Group 17	2010	ITU-T	0
2942	L.19	Multi-pair copper network cable supporting shared multiple services such as POTS, ISDN and xDSL - Study Group 5	2010	ITU-T	0
2943	Y.2014	(Pre-Published) Network attachment control functions in next generation networks	2010	ITU-T	0
2944	H.248.76	Gateway control protocol: Filter group package and guidelines - Study Group 16	2010	ITU-T	0
2945	SERIES Y SUPP 8	ITU-T Y.2000-series Supplement on a survey of global ICT forums and consortia - Study Group 13	2010	ITU-T	0
2946	J.202	Harmonization of procedural content formats for interactive TV applications - Study Group 9	2010	ITU-T	0
2947	H.740	Application event handling for IPTV services - Study Group 16	2010	ITU-T	0
2948	J.340	Reference algorithm for computing peak signal to noise ratio of a processed video sequence with compensation for constant spatial shifts, constant temporal shift, and constant luminance gain and offset - Study Group 9	2010	ITU-T	0
2949	X.1245	Framework for countering spam in IP-based multimedia applications - Study Group 17	2010	ITU-T	0
2950	G.7718	Framework for ASON management - Study Group 15	2010	ITU-T	0
2951	V.152	Procedures for supporting voice-band data over IP networks - Study Group 16	2010	ITU-T	0
2952	L.88	Management of poles carrying overhead telecommunication lines - Study Group 15	2010	ITU-T	0
2953	D.156 AMD 1	Network externalities Amendment 1: New Annex A Practical implementation of Recommendation ITU-T D.156 - Study Group 3	2010	ITU-T	0
2954	Y.2206	Requirements for distributed service networking capabilities - Study Group 13	2010	ITU-T	0
2955	SERIES Y SUPP 11	ITU-T Y.2600 series Supplement on scenarios for independent scalable control plane (iSCP) in future packet-based networks (FPBN) - Study Group 13	2010	ITU-T	0
2956	G.8251	The control of jitter and wander within the optical transport network (OTN) - Study Group 15	2010	ITU-T	0
2957	J.703	IPTV client control interface definition - Study Group 9	2010	ITU-T	0
2958	G.992.3 AMD 2	Asymmetric digital subscriber line transceivers 2 (ADSL2) Amendment 2: Retrain on eoc protocol timeout - Study Group 15	2010	ITU-T	0
2959	E.4110	Framework for operations requirements of next generation networks and services - Study Group 2	2010	ITU-T	0

2960	J.294	Residential gateway requirements for the support of broadcast and IP-based interactive services over cable television networks - Study Group 9	2010	ITU-T	0
2961	Y.2019	Content delivery functional architecture in NGN - Study Group 13	2010	ITU-T	0
2962	Q.3321.1	Resource control protocol No.1, version 2 Protocol at the Rs interface between service control entities and the policy decision physical entity - Study Group 11	2010	ITU-T	0
2963	M.3703	Common management services Alarm management Protocol neutral requirements and analysis - Study Group 2	2010	ITU-T	0
2964	K.56	Protection of radio base stations against lightning discharges - Study Group 5	2010	ITU-T	0
2965	Y.2007	NGN capability set 2 - Study Group 13	2010	ITU-T	0
2966	H.362	A framework for adaptive end-to-end QoS control based on variable bit-rate codecs in wireless networks - Study Group 16	2010	ITU-T	0
2967	G.9972	Coexistence mechanism for wireline home networking transceivers - Study Group 15	2010	ITU-T	0
2968	Q.1742.8	IMT-2000 references (approved as of 31 January 2010) to ANSI-41 evolved core network with cdma2000 access network - Study Group 13	2010	ITU-T	0
2969	G.9971	Requirements of transport functions in IP home networks - Study Group 15	2010	ITU-T	0
2970	G.8265	Architecture and requirements for packet-based frequency delivery - Study Group 15	2010	ITU-T	0
2971	D.211 SUPP 1	International accounting for the use of the signal transfer point and/or signalling point for relay in Signalling System No. 7 Supplement 1 Guidelines for international short message service (SMS) interconnection - Study Group 3	2010	ITU-T	0
2972	SERIES G SUPP 48	10-Gigabit-capable passive optical networks: Interface between media access control with serializer/deserializer and physical medium dependent sublayers - Study Group 15	2010	ITU-T	0
2973	G.696.1	Longitudinally compatible intra-domain DWDM applications	2010	ITU-T	0
2974	Q.3222	(Pre-Published) Requirements and protocol at the Ng interface between transport location management physical entities	2010	ITU-T	0
2975	L.84	Fast mapping of underground networks - Study Group 15	2010	ITU-T	0
2976	O.173 AMD 1	Jitter measuring equipment for digital systems which are based on the Optical Transport Network (OTN) Amendment 1: Correction of jitter frequency breakpoints and clarification of jitter transfer measurement accuracy - Study Group 15	2010	ITU-T	0
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2978	Y.1306 AMD 2	Architecture of Ethernet layer networks Amendment 2: Application of the ITU-T G.800 functional architecture to Ethernet transport and some editorial revisions - Study Group 15	2010	ITU-T	0
2979	G.978	Characteristics of optical fibre submarine cables - Study Group 15	2010	ITU-T	0
2980	L.87	Optical fibre cables for drop applications - Study Group 15	2010	ITU-T	0
2981	G.191 STL MANUAL	ITU-T Software Tool Library 2009 User's Manual	2009	ITU-T	0
2982	G.996.2	Single-ended line testing for digital subscriber lines (DSL) - Study Group 15	2009	ITU-T	0
2983	X.1250	Baseline capabilities for enhanced global identity management and interoperability - Study Group 17	2009	ITU-T	0
2984	G.984.1 AMD 1	Gigabit-capable passive optical networks (GPON): General characteristics Amendment 1 - Study Group 15	2009	ITU-T	0
2985	F.743	Requirements and service description for visual surveillance - Study Group 16	2009	ITU-T	0
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2987	H.248.9	Gateway control protocol: Advanced media server packages - Study Group 16	2009	ITU-T	0
2988	H.221	Frame structure for a 64 to 1920 kbit/s channel in audiovisual teleservices - Study Group 16	2009	ITU-T	0
2989	G.992.3 CORR 1	Asymmetric digital subscriber line transceivers 2 (ADSL2) Corrigendum 1 - Study Group 15	2009	ITU-T	0
2990	Y.2236	Framework for NGN support of multicast-based services - Study Group 13	2009	ITU-T	0
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2992	E.191 AMD 1	B-ISDN addressing Amendment 1 - Study Group 2	2009	ITU-T	0
2993	Y.1321 AMD 2	IP over SDH using LAPS Amendment 2 Additional SAPI values for encapsulated protocols - Study Group 15	2009	ITU-T	0

2994	P.310	Transmission characteristics for narrow-band digital handset and headset telephones - Study Group 12	2009	ITU-T	0
2995	K.43	Immunity requirements for telecommunication network equipment - Study Group 5	2009	ITU-T	0
2996	P.342	Transmission characteristics for narrow-band digital loudspeaking and hands-free telephony terminals - Study Group 12	2009	ITU-T	0
2997	SERIES G SUPP 46	G-PON interoperability test plan between optical line terminations and optical network units - Study Group 15	2009	ITU-T	0
2998	G.707 AMD 2	Network node interface for the synchronous digital hierarchy (SDH) Amendment 2 - Study Group 15	2009	ITU-T	0
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3001	H.262 AMD 3	Information technology Generic coding of moving pictures and associated audio information: Video Amendment 3: New level for 1080@50p/60p - Study Group 16	2009	ITU-T	0
3002	Q.763 AMD 6	Signalling System No. 7 ISDN user part formats and codes Amendment 6: Support for the customized alerting tone (CAT) service - Study Group 11	2009	ITU-T	0
3003	H.248.56 CORR 1	Gateway control protocol: Packages for virtual private network support Corrigendum 1: VLAN package clarifications - Study Group 16	2009	ITU-T	0
3004	J.286	Seamless splicing for heterogeneous ITU-T H.262 ISO/IEC 13818-2 (MPEG-2 video) and ITU-T H.264 ISO/IEC 14496-10 bitstreams - Study Group 9	2009	ITU-T	0
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3006	G.985 AMD 1	100 Mbit/s point-to-point Ethernet based optical access system Amendment 1: Silent start function of optical network terminals - Study Group 15	2009	ITU-T	0
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3008	X.902	Information technology Open Distributed Processing Reference model: Foundations - Study Group 17	2009	ITU-T	0
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3011	X.1251	A framework for user control of digital identity - Study Group 17	2009	ITU-T	0
3012	Y.2016	Functional requirements and architecture of the NGN for applications and services using tag-based identification - Study Group 13	2009	ITU-T	0
3013	H.460.23	Network address translator and firewall device determination in ITU-T H.323 systems - Study Group 16	2009	ITU-T	0
3014	O.174	Jitter and wander measuring equipment for digital systems which are based on synchronous Ethernet technology - Study Group 15	2009	ITU-T	0
3015	G.729.1 CORR 1	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Corrigendum 1: Corrections to source code - Study Group 16	2009	ITU-T	0
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3017	H.248.70	Gateway control protocol: Dialling method information packages - Study Group 16	2009	ITU-T	0
3018	G.973.1	Longitudinally compatible DWDM applications for repeaterless optical fibre submarine cable systems - Study Group 15	2009	ITU-T	0
3019	G.999.1	Interface between the link layer and the physical layer for digital subscriber line (DSL) transceivers - Study Group 15	2009	ITU-T	0
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3021	X.1171	Threats and requirements for protection of personally identifiable information in applications using tag-based identification - Study Group 17	2009	ITU-T	0
3022	M.3340	Framework for NGN service fulfilment and assurance management across the business to business and customer to business interfaces - Study Group 2	2009	ITU-T	0
3023	G.984.4 NOTE	Gigabit-capable passive optical networks (G-PON): ONT management and control interface specification	2009	ITU-T	0

3024	K.80	EMC requirements for telecommunication network equipment (1 GHz-6 GHz) - Study Group 5	2009	ITU-T	0
3025	H.762	Lightweight interactive multimedia environment (LIME) for IPTV services - Study Group 16	2009	ITU-T	0
3026	X.903	Information technology Open distributed processing Reference model: Architecture - Study Group 17	2009	ITU-T	0
3027	SERIES X SUPP 6	ITU-T X.1240 series Supplement on countering spam and associated threats - Study Group 17	2009	ITU-T	0
3028	H.248.63	Gateway control protocol: Resource management packages - Study Group 16	2009	ITU-T	0
3029	X.1056	Security incident management guidelines for telecommunications organizations - Study Group 17	2009	ITU-T	0
3030	Y.1563 AMD 1	Ethernet frame transfer and availability performance Amendment 1: New Annex B Terminology for consecutive severely errored seconds in Ethernet services - Study Group 12	2009	ITU-T	0
3031	Y.1322 AMD 2	Network node interface for the synchronous digital hierarchy (SDH) Amendment 2 - Study Group 15	2009	ITU-T	0
3032	H.248.4	Gateway control protocol: Transport over Stream Control Transmission Protocol (SCTP) - Study Group 16	2009	ITU-T	0
3033	E.161.1 AMD 1	Guidelines to select Emergency Number for public telecommunications networks Amendment 1 - Study Group 2	2009	ITU-T	0
3034	E.1100	Specification of an international numbering resource for use in the provisioning of international help lines - Study Group 2	2009	ITU-T	0
3035	D.93	Charging and accounting in the international land mobile telephone service (provided via cellular radio systems) - Study Group 3	2009	ITU-T	0
3036	H.701	Content delivery error recovery for IPTV services - Study Group 16	2009	ITU-T	0
3037	G.799.2	Mechanism for dynamic coordination of signal processing functions - Study Group 16	2009	ITU-T	0
3038	H.248.42	Gateway control protocol: DCME interworking package - Study Group 16	2009	ITU-T	0
3039	J.261	Framework for implementing preferential telecommunications in IP-Cablecom and IP-Cablecom2 networks - Study Group 9	2009	ITU-T	0
3040	Q.3610	Signalling requirements and protocol profiles for customized ring-back tone service - Study Group 11	2009	ITU-T	0
3041	Y.2214	Service requirements and functional models for customized multimedia ring services - Study Group 13	2009	ITU-T	0
3042	J.700	IPTV service requirements and framework for secondary distribution - Study Group 9	2009	ITU-T	0
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3044	Y.1901	Requirements for the support of IPTV services - Study Group 13	2009	ITU-T	0
3045	Y.2201	Requirements and capabilities for ITU-T NGN - Study Group 13	2009	ITU-T	0
3046	Y.2612	Generic requirements and framework of addressing, routing and forwarding in future, packet-based networks - Study Group 13	2009	ITU-T	0
3047	J.263	Specification for priority in preferential telecommunications over IP-Cablecom2 networks - Study Group 9	2009	ITU-T	0
3048	Y.2808	Fixed mobile convergence with a common IMS session control domain - Study Group 13	2009	ITU-T	0
3049	K.77	Characteristics of metal oxide varistors for the protection of telecommunication installations - Study Group 5	2009	ITU-T	0
3050	H.324	Terminal for low bit-rate multimedia communication - Study Group 16	2009	ITU-T	0
3051	Y.2017	Multicast functions in next generation networks - Study Group 13	2009	ITU-T	0
3052	G.992.5	Asymmetric digital subscriber line transceivers 2 (ADSL2) Extended bandwidth (ADSL2plus) - Study Group 15	2009	ITU-T	0
3053	Y.2015	General requirements for ID/locator separation in NGN - Study Group 13	2009	ITU-T	0
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3066	J.704	Functional requirements of the service provider interface for television primary and secondary distribution and associated interactive services - Study Group 9	2009	ITU-T	0
3067	SERIES E.800 SUPP 8	Guidelines for inter-provider quality of service - Study Group 12	2009	ITU-T	0
3068	G.698.2	Amplified multichannel dense wavelength division multiplexing applications with single channel optical interfaces - Study Group 15	2009	ITU-T	0
3069	Y.2122	Flow aggregate information exchange functions in NGN - Study Group 13	2009	ITU-T	0
3070	G.113 AMD 1	Transmission impairments due to speech processing Amendment 1: Revised Appendix IV Provisional planning values for the wideband equipment impairment factor and the wideband packet loss robustness factor - Study Group 12	2009	ITU-T	0
3071	SERIES G SUPP 45	GPON power conservation - Study Group 15	2009	ITU-T	0
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3074	H.760	Overview of multimedia application frameworks for IPTV services - Study Group 16	2009	ITU-T	0
3075	X.1191	Functional requirements and architecture for IPTV security aspects - Study Group 17	2009	ITU-T	0
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3087	X.1242	Short message service (SMS) spam filtering system based on user-specified rules - Study Group 17	2009	ITU-T	0
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3089	H.248.67	Gateway control protocol: Transport mode indication package - Study Group 16	2009	ITU-T	0
3090	Q.761 AMD 4	Signalling System No. 7 ISDN user part functional description Amendment 4: Support for the customized alerting tone (CAT) service - Study Group 11	2009	ITU-T	0
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3100	G.693	Optical interfaces for intra-office systems - Study Group 15	2009	ITU-T	0
3101	E.195 AMD 1	ITU-T International numbering resource administration Amendment 1 - Study Group 2	2009	ITU-T	0
3102	G.984.4 AMD 1	Gigabit-capable passive optical networks (G-PON): ONT management and control interface specification Amendment 1 - Study Group 15	2009	ITU-T	0
3103	F.744	Service description and requirements for ubiquitous sensor network middleware - Study Group 16	2009	ITU-T	0
3104	X.603.1 AMD 1	Information technology Relayed multicast protocol: Specification for simplex group applications Amendment 1: Security extensions - Study Group 17	2009	ITU-T	0
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3106	Q.3611	Signalling requirements and protocol profiles for NGN customized ringing tone service - Study Group 11	2009	ITU-T	0
3107	H.248.5	Gateway control protocol: Transport over ATM - Study Group 16	2009	ITU-T	0
3108	H.460.24	Point-to-point media through network address translators and firewalls within ITU-T H.323 systems - Study Group 16	2009	ITU-T	0
3109	H.248.53	Gateway control protocol: Traffic management packages - Study Group 16	2009	ITU-T	0
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3111	G.7713	Distributed call and connection management (DCM) - Study Group 15	2009	ITU-T	0
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3113	Y.1563	Ethernet frame transfer and availability performance - Study Group 12	2009	ITU-T	0
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3116	Y.2215	Requirements and framework for the support of VPN services in NGN, including the mobile environment - Study Group 13	2009	ITU-T	0
3117	J.262	Specifications for authentication in preferential telecommunications over IP/Cablecom2 networks - Study Group 9	2009	ITU-T	0
3118	Y.2018	Mobility management and control framework and architecture within the NGN transport stratum - Study Group 13	2009	ITU-T	0
3119	L.81	Monitoring systems for outside plant facilities - Study Group 15	2009	ITU-T	0
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3121	Y.1701 CORR 1	(Pre-Published) Common equipment management function requirements Corrigendum 1	2009	ITU-T	0
3122	E.191.1 AMD 1	Criteria and procedures for the allocation of ITU-T International Network Designator addresses Amendment 1 - Study Group 2	2009	ITU-T	0
3123	H.248.14	Gateway control protocol: Inactivity timer package - Study Group 16	2009	ITU-T	0
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3125	J.204	Metrics gathering specification - Study Group 9	2008	ITU-T	0
3126	Y.2175	Centralized RACF architecture for MPLS core networks - Study Group 13	2008	ITU-T	0
3127	Q.3221	Requirements and protocol at the interface between the service control entity and the transport location management physical entity (S-TC1 interface) - Study Group 11	2008	ITU-T	0
3128	L.76	Copper loop requirements for various technologies including indoor and structured cabling - Study Group 6	2008	ITU-T	0
3129	H.248.37	Gateway control protocol: IP NAPT traversal package - Study Group 16	2008	ITU-T	0
3130	G.651.1 AMD 1	Characteristics of a 50/125 μ m multimode graded index optical fibre cable for the optical access network Amendment 1: New Appendix I Historical perspective on the evolution of the specification of multimode optical fibre cable - Study Group 15	2008	ITU-T	0
3131	A.8	Alternative approval process for new and revised ITU-T Recommendations	2008	ITU-T	0
3132	Y.2173	Management of performance measurement for NGN - Study Group 13	2008	ITU-T	0
3133	RESOLUTION 73	Information and communication technologies and climate change	2008	ITU-T	0
3134	G.1081	Performance monitoring points for IPTV - Study Group 12	2008	ITU-T	0
3135	RESOLUTION 18	Principles and procedures for the allocation of work to, and coordination between, ITU-R and ITU-T	2008	ITU-T	0
3136	G.984.2 AMD 2	Gigabit-capable Passive Optical Networks (G-PON): Physical Media Dependent (PMD) layer specification Amendment 2 - Study Group 15	2008	ITU-T	0
3137	J.203	Common core for digital video recorder platform - Study Group 9	2008	ITU-T	0
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3140	X.1055	Risk management and risk profile guidelines for telecommunication organizations - Study Group 17	2008	ITU-T	0
3141	H.351	Semantic web interface for multimedia terminal and system directories (SWIM-D) - Study Group 16	2008	ITU-T	0
3142	L.75	Test, acceptance and maintenance methods of copper subscriber pairs - Study Group 6	2008	ITU-T	0
3143	RESOLUTION 53	Establishment of a workshop and seminar coordination group	2008	ITU-T	0
3144	RESOLUTION 63	Studies regarding nomadic telecommunication services and applications	2008	ITU-T	0
3145	H.720	Overview of IPTV terminal devices and end systems - Study Group 16	2008	ITU-T	0
3146	G.729.1 AMD 5	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Amendment 5: New Annex D (Reference floating-point implementation for G.729.1 Annex C DTX/CNG) and corrections to the main body and Ann	2008	ITU-T	0
3147	Q.3903	Formalized presentation of testing results - Study Group 11	2008	ITU-T	0
3148	Z.450	Quality aspects of protocol-related Recommendations - Study Group 17	2008	ITU-T	0
3149	K.76	EMC requirements for telecommunication network equipment (9 kHz-150 kHz) - Study Group 5	2008	ITU-T	0
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3151	RESOLUTION 26	Assistance to regional groups of Study Group 3	2008	ITU-T	0
3152	K.26	Protection of telecommunication lines against harmful effects from electric power and electrified railway lines - Study Group 5	2008	ITU-T	0
3153	X.1084	Telebiometrics system mechanism Part 1: General biometric authentication protocol and system model profiles for telecommunications systems - Study Group 17	2008	ITU-T	0
3154	X.667	Information technology Open Systems Interconnection Procedures for the operation of OSI Registration Authorities: Generation and registration of Universally Unique Identifiers (UUIDs) and their use as ASN.1 object identifier components	2008	ITU-T	0

3155	RESOLUTION 32	Strengthening electronic working methods for the work of ITU-T	2008	ITU-T	0
3156	Y.2804	Generic framework of mobility management for next generation networks - Study Group 19	2008	ITU-T	0
3157	G.1080	Quality of experience requirements for IPTV services - Study Group 12	2008	ITU-T	0
3158	X.669	Procedures for ITU-T registration of identified organizations - Study Group 17	2008	ITU-T	0
3159	G.998.2 AMD 2	Ethernet-based multi-pair bonding Amendment 2 - Study Group 15	2008	ITU-T	0
3160	J.367	IPCablecom2 presence specification - Study Group 9	2008	ITU-T	0
3161	J.800.2	Cable definition MIB specification - Study Group 9	2008	ITU-T	0
3162	X.1231	Technical strategies for countering spam - Study Group 17	2008	ITU-T	0
3163	SERIES X SUPP 5	ITU-T X.290-series Supplement on interoperability testing framework and methodology - Study Group 17	2008	ITU-T	0
3164	Q.3030	Signalling architecture for the NGN service control plane - Study Group 11	2008	ITU-T	0
3165	RESOLUTION 58	Encourage the creation of national computer incident response teams, particularly for developing countries	2008	ITU-T	0
3166	J.602	Network service operators requirements for real-time transmission of exLSDI signals under parallel processing functionality - Study Group 9	2008	ITU-T	0
3167	X.1031	Roles of end users and telecommunications networks within security architecture - Study Group 17	2008	ITU-T	0
3168	H.248.47	Gateway control protocol: Statistic conditional reporting package - Study Group 16	2008	ITU-T	0
3169	RESOLUTION 69	Non-discriminatory access and use of Internet resources	2008	ITU-T	0
3170	RESOLUTION 59	Enhancing participation of telecommunication operators from developing countries	2008	ITU-T	0
3171	K.72	Protection of telecommunication lines using metallic conductors against lightning Risk management - Study Group 5	2008	ITU-T	0
3172	X.1086	Telebiometrics protection procedures Part 1: A guideline to technical and managerial countermeasures for biometric data security - Study Group 17	2008	ITU-T	0
3173	RESOLUTION 43	Regional preparations for WTSAs	2008	ITU-T	0
3174	X.1205	Overview of cybersecurity - Study Group 17	2008	ITU-T	0
3175	RESOLUTION 74	Admission of Sector Members from developing countries in the work of ITU-T	2008	ITU-T	0
3176	SERIES Q SUPP 57	Signalling requirements to support the emergency telecommunications service (ETS) in IP networks - Study Group 11	2008	ITU-T	0
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3178	G.718	Frame error robust narrow-band and wideband embedded variable bit-rate coding of speech and audio from 8-32 kbit/s - Study Group 16; Includes Corrigendum 1: 11/13/2008; Amendment 1: 03/16/2009 and Corrigendum 2: 08/29/2009	2008	ITU-T	0
3179	H.248.58	Gateway control protocol: Packages for application level H.248 statistics - Study Group 16	2008	ITU-T	0
3180	H.361 AMD 1	End-to-end quality of service (QoS) and service priority signalling in H.323 systems Amendment 1: New Annex A "IntServ/RSVP support for H.323 systems", Annex B "DiffServ support for H.323 systems" and Annex C "Priority support for H.323 systems" - Study G	2008	ITU-T	0
3181	L.79	Optical fibre cable elements for microduct blowing-installation application - Study Group 6	2008	ITU-T	0
3182	J.800.0	Cable assigned names and numbers - Study Group 9	2008	ITU-T	0
3183	Q.3401 AMD 1	NGN NNI signalling profile (protocol set 1) Amendment 1: Extensions of NGN NNI signalling profile including video and data services - Study Group 11	2008	ITU-T	0
3184	X.1125	Correlative Reacting System in mobile data communication - Study Group 17	2008	ITU-T	0

3185	SERIES H SUPP 7	Gateway control protocol: Establishment procedures for the H.248 MGC-MG control association - Study Group 16	2008	ITU-T	0
3186	RESOLUTION 47	Country code top-level domain names	2008	ITU-T	0
3187	P.910	Subjective video quality assessment methods for multimedia applications - Study Group 9	2008	ITU-T	0
3188	J.460.0	IPCablecom2 residential SIP telephony: Feature definition - Study Group 9	2008	ITU-T	0
3189	J.701	Broadcast-centric IPTV terminal middleware - Study Group 9	2008	ITU-T	0
3190	T.172 CORR 1	MHEG-5 Support for base-level interactive applications Corrigendum 1 - Study Group 16	2008	ITU-T	0
3191	J.246	Perceptual visual quality measurement techniques for multimedia services over digital cable television networks in the presence of a reduced bandwidth reference - Study Group 9	2008	ITU-T	0
3192	RESOLUTION 2	ITU-T study group responsibility and mandates	2008	ITU-T	0
3193	K.73	Shielding and bonding for cables between buildings - Study Group 5	2008	ITU-T	0
3194	Y.1304 AMD 1	Architecture for the automatically switched optical network (ASON) Amendment 1 - Study Group 15	2008	ITU-T	0
3195	X.1089	Telebiometrics authentication infrastructure (TAI) - Study Group 17	2008	ITU-T	0
3196	J.245	Subjective assessment method of picture quality assessed in the home - Study Group 9	2008	ITU-T	0
3197	RESOLUTION 7	Collaboration with the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC)	2008	ITU-T	0
3198	SERIES X SUPP 3	ITU-T X.800-X.849 series Supplement on guidelines for implementing system and network security - Study Group 17	2008	ITU-T	0
3199	X.1240	Technologies involved in countering e-mail spam - Study Group 17	2008	ITU-T	0
3200	SERIES Y SUPP 4	ITU-T Y.1300 series Supplement on transport requirements for T-MPLS OAM and considerations for the application of IETF MPLS technology - Study Group 13	2008	ITU-T	0
3201	X.530	Information technology Open Systems Interconnection The Directory: Use of systems management for administration of the Directory - Study Group 17	2008	ITU-T	0
3202	G.719	Low-complexity, full-band audio coding for high-quality, conversational applications - Study Group 16; Includes Amendments: 11/13/2008 and 03/16/2009	2008	ITU-T	0
3203	E.123 AMD 1	Notation for national and international telephone numbers, e-mail addresses and Web addresses Amendment 1 - Study Group 2	2008	ITU-T	0
3204	Y.2234	Open service environment capabilities for NGN - Study Group 13	2008	ITU-T	0
3205	Y.2806	Framework of handover control for NGN - Study Group 19	2008	ITU-T	0
3206	J.244	Full reference and reduced reference calibration methods for video transmission systems with constant misalignment of spatial and temporal domains with constant gain and offset - Study Group 9	2008	ITU-T	0
3207	RESOLUTION 52	Countering and combating spam	2008	ITU-T	0
3208	M.3190	Shared information and data model (SID) - Study Group 4	2008	ITU-T	0
3209	RESOLUTION 20	Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources - Study Group 2	2008	ITU-T	0
3210	Y.2805	Framework of location management for NGN - Study Group 19	2008	ITU-T	0
3211	L.12	Optical fibre splices - Study Group 6	2008	ITU-T	0
3212	Y.1720 AMD 1	Protection switching for MPLS networks Amendment 1 - Study Group 15	2008	ITU-T	0
3213	Q.1742.7	IMT-2000 References (approved as of 30 June 2008) to ANSI-41 evolved Core Network with cdma2000 Access Network - Study Group 19	2008	ITU-T	0
3214	J.702	Enablement of current terminal devices for the support of IPTV services - Study Group 9	2008	ITU-T	0
3215	E.800	Definitions of terms related to quality of service - Study Group 2	2008	ITU-T	0

3216	Q.1707	Generic framework of mobility management for next generation networks - Study Group 19	2008	ITU-T	0
3217	SERIES Q SUPP 58	Organization of NGN transport user data - Study Group 11	2008	ITU-T	0
3218	K.68	Operator responsibilities in the management of electromagnetic interference by power systems on telecommunication systems - Study Group 5	2008	ITU-T	0
3219	Q.1912.5 C	Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Test suite structure and test purposes (TSS&TP) for profiles A and B - Study Group 11	2008	ITU-T	0
3220	J.368	IPCablecom2 quality of service specification - Study Group 9	2008	ITU-T	0
3221	X.1152	Secure end-to-end data communication techniques using trusted third party services - Study Group 17	2008	ITU-T	0
3222	J.247	Objective perceptual multimedia video quality measurement in the presence of a full reference - Study Group 9	2008	ITU-T	0
3223	Q.1912.5 B	Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Protocol implementation conformance statement (PICS) - Study Group 11	2008	ITU-T	0
3224	RESOLUTION 29	Alternative calling procedures on international telecommunication networks	2008	ITU-T	0
3225	Y.2052	Framework of multi-homing in IPv6-based NGN - Study Group 13	2008	ITU-T	0
3226	RESOLUTION 56	Roles of TSAG and ITU-T study group vice-chairmen from developing countries	2008	ITU-T	0
3227	L.18	Sheath closures for terrestrial copper telecommunication cables - Study Group 6	2008	ITU-T	0
3228	D.156	Network externalities - Study Group 3	2008	ITU-T	0
3229	J.248	Requirements for operational monitoring of video-to-audio delay in the distribution of television programs - Study Group 9	2008	ITU-T	0
3230	Q.1704	Functional network architecture for IMT-Advanced - Study Group 19	2008	ITU-T	0
3231	X.1206	A vendor-neutral framework for automatic notification of security related information and dissemination of updates - Study Group 17	2008	ITU-T	0
3232	H.248.62	Gateway control protocol: Re-answer package - Study Group 16	2008	ITU-T	0
3233	RESOLUTION 33	Guidelines for ITU-T strategic activities	2008	ITU-T	0
3234	Q.1741.5	IMT-2000 references to Release 7 of GSM-evolved UMTS core network - Study Group 19	2008	ITU-T	0
3235	H.248.52	Gateway control protocol: QoS support packages - Study Group 16	2008	ITU-T	0
3236	RESOLUTION 68	Implementation of Resolution 122 (Rev. Antalya, 2006) on the evolving role of the World Telecommunication Standardization Assembly	2008	ITU-T	0
3237	X.667	Information technology Open Systems Interconnection Procedures for the operation of OSI Registration Authorities: Generation and registration of Universally Unique Identifiers (UUIDs) and their use as ASN.1 object identifier components - Study Group 17	2008	ITU-T	0
3238	J.800.1	Cable DHCP Registry - Study Group 9	2008	ITU-T	0
3239	SERIES Q SUPP 59	(Pre-Published) Signalling flows and parameter mapping for resource control	2008	ITU-T	0
3240	Q.1707	Generic framework of mobility management for next generation networks - Study Group 19	2008	ITU-T	0
3241	E.161.1	Guidelines to select Emergency Number for public telecommunications networks - Study Group 2	2008	ITU-T	0
3242	Q.3902	Operational parameters to be monitored when implementing NGN technical means in public telecommunication networks - Study Group 11	2008	ITU-T	0
3243	X.1161	Framework for secure peer-to-peer communications - Study Group 17	2008	ITU-T	0
3244	RESOLUTION 38	Coordination among ITU-T, ITU-R and ITU-D for activities relating to IMT	2008	ITU-T	0
3245	RESOLUTION 72	Measurement concerns related to human exposure to electromagnetic fields	2008	ITU-T	0

3246	L.71	Design, construction, and installation of network cables for broadband access including metallic networks connected to optical fibre networks - Study Group 6	2008	ITU-T	0
3247	RESOLUTION 64	IP address allocation and encouraging the deployment of IPv6	2008	ITU-T	0
3248	RESOLUTION 57	Strengthening coordination and cooperation among ITU-R, ITU-T and ITU-D on matters of mutual interest	2008	ITU-T	0
3249	J.369	IPCablecom2 E-UE provisioning framework specification - Study Group 9	2008	ITU-T	0
3250	M.3410	Guidelines and requirements for security management systems to support telecommunications management - Study Group 4	2008	ITU-T	0
3251	Y.1223	Interworking guidelines for transporting assured IP flows - Study Group 12	2008	ITU-T	0
3252	RESOLUTION 71	Admission of academia, universities and their associated research establishments to participate in the work of ITU-T	2008	ITU-T	0
3253	L.59	Optical fibre cables for indoor applications - Study Group 6	2008	ITU-T	0
3254	Y.1418	Pseudowire layer network - Study Group 13	2008	ITU-T	0
3255	X.607.1	Information technology Enhanced communications transport protocol: Specification of QoS management for duplex multicast transport - Study Group 11	2008	ITU-T	0
3256	H.750	High-level specification of metadata for IPTV services - Study Group 16	2008	ITU-T	0
3257	G.666	Characteristics of PMD compensators and PMD compensating receivers - Study Group 15	2008	ITU-T	0
3258	G.984.4	Gigabit-capable Passive Optical Networks (G-PON): ONT management and control interface specification - Study Group 15	2008	ITU-T	0
3259	X.1207	Guidelines for telecommunication service providers for addressing the risk of spyware and potentially unwanted software - Study Group 17	2008	ITU-T	0
3260	Y.1361	Timing and synchronization aspects in packet networks - Study Group 15	2008	ITU-T	0
3261	Y.2702	Authentication and authorization requirements for NGN release 1 - Study Group 13	2008	ITU-T	0
3262	J.293	Component definition and interface specification for the next generation set-top box - Study Group 9	2008	ITU-T	0
3263	SERIES H SUPP 8	Gateway control protocol: Guidelines for synchronized time in ITU-T H.248 domains - Study Group 16	2008	ITU-T	0
3264	J.460.1	IPCablecom2 residential SIP telephony: Feature specification - Study Group 9	2008	ITU-T	0
3265	SERIES Y SUPP 5	ITU-T Y.1900-series Supplement on IPTV service use cases - Study Group 13	2008	ITU-T	0
3266	Q.1912.5 E	Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for profiles A and B -	2008	ITU-T	0
3267	RESOLUTION 50	Cybersecurity - Study Group 17	2008	ITU-T	0
3268	X.666	Information technology Open Systems Interconnection Procedures for the operation of OSI Registration Authorities: Joint ISO and ITU-T registration of international organizations - Study Group 17	2008	ITU-T	0
3269	J.901	Requirements for the free viewpoint television (FTV) video transmission system - Study Group 9	2008	ITU-T	0
3270	Y.1351	Terms and definitions for synchronous digital hierarchy (SDH) networks - Study Group 15	2008	ITU-T	0
3271	RESOLUTION 62	Dispute settlement - Study Group 3	2008	ITU-T	0
3272	RESOLUTION 45	Effective coordination of standardization work across study groups in ITU-T and the role of TSAG	2008	ITU-T	0
3273	G.722.1 CORR 1	Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss Corrigendum 1: Correction of Annex B source code - Study Group 16	2008	ITU-T	0
3274	X.1162	Security architecture and operations for peer-to-peer networks - Study Group 17	2008	ITU-T	0

3275	L.78	Optical fibre cable construction for sewer duct applications - Study Group 6	2008	ITU-T	0
3276	RESOLUTION 49	ENUM	2008	ITU-T	0
3277	X.608.1	Information technology Enhanced communications transport protocol: Specification of QoS management for n-plex multicast transport - Study Group 11	2008	ITU-T	0
3278	O.172 AMD 1	Jitter and wander measuring equipment for digital systems which are based on the synchronous digital hierarchy (SDH) Amendment 1 - Study Group 4	2008	ITU-T	0
3279	RESOLUTION 1	Rules of procedure of the ITU Telecommunication Standardization Sector (ITU-T)	2008	ITU-T	0
3280	Y.1292	Customizable IP networks (CIP): Framework for the requirements and capabilities related to the customization of IP service networks by customers - Study Group 13	2008	ITU-T	0
3281	Y.1544	Multicast IP performance parameters - Study Group 12	2008	ITU-T	0
3282	F.771	Service description and requirements for multimedia information access triggered by tag-based identification - Study Group 16	2008	ITU-T	0
3283	L.72	Databases for optical access network infrastructure - Study Group 6	2008	ITU-T	0
3284	Y.2902	Carrier grade open environment components - Study Group 13	2008	ITU-T	0
3285	SERIES X SUPP 4	ITU-T X.290-series Supplement on generic approach to interoperability testing - Study Group 17	2008	ITU-T	0
3286	Y.2053	Functional requirements for IPv6 migration in NGN - Study Group 13	2008	ITU-T	0
3287	J.360 AMD 2	IPCablecom2 architecture framework Amendment 2 Modification to provisioning - Study Group 9	2008	ITU-T	0
3288	SERIES H SUPP 9	Gateway control protocol: Operation of H.248 with H.225.0, SIP, and ISUP in support of emergency telecommunications service (ETS)/international emergency preference scheme (IEPS) - Study Group 16	2008	ITU-T	0
3289	T.128	Multipoint application sharing - Study Group 16	2008	ITU-T	0
3290	RESOLUTION 17	Telecommunication standardization in relation to the interests of developing countries	2008	ITU-T	0
3291	Y.2006	Description of capability set 1 of NGN release 1 - Study Group 13	2008	ITU-T	0
3292	G.984.1	Gigabit-capable passive optical networks (GPON): General characteristics - Study Group 15	2008	ITU-T	0
3293	H.621	Architecture of a system for multimedia information access triggered by tag-based identification - Study Group 16	2008	ITU-T	0
3294	X.662	Information technology Open Systems Interconnection Procedures for the operation of OSI Registration Authorities: Registration of object identifier arcs beneath the top-level arc jointly administered by ISO and ITU-T - Study Group 17	2008	ITU-T	0
3295	SERIES Y SUPP 3	ITU-T Y.2000 series Supplement on service scenarios for convergence services in a multiple network and application service provider environment - Study Group 13	2008	ITU-T	0
3296	RESOLUTION 22	Authorization for TSAG to act between WTSAs	2008	ITU-T	0
3297	Q.3202.1	Authentication protocols based on EAP-AKA for interworking among 3GPP, WiMax, and WLAN in NGN - Study Group 11	2008	ITU-T	0
3298	Z.110	Criteria for use of formal description techniques by ITU-T - Study Group 17	2008	ITU-T	0
3299	RESOLUTION 55	Mainstreaming gender in ITU-T activities	2008	ITU-T	0
3300	G.783 AMD 1	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks Amendment 1 - Study Group 15	2008	ITU-T	0
3301	Q.3300	Architectural framework for the Q.33xx series of Recommendations - Study Group 11	2008	ITU-T	0
3302	L.74	Maintenance of cable tunnels - Study Group 6	2008	ITU-T	0
3303	M.3160	Generic, protocol-neutral management information model - Study Group 2	2008	ITU-T	0
3304	Y.2174	Distributed RACF architecture for MPLS networks - Study Group 13	2008	ITU-T	0
3305	RESOLUTION 31	Admission of entities or organizations to participate as Associates in the work of ITU-T	2008	ITU-T	0

3306	Q.1709	Framework of handover control for NGN - Study Group 19	2008	ITU-T	0
3307	J.186	Transmission equipment for multi-channel television signals over optical access networks by sub-carrier multiplexing (SCM) - Study Group 9	2008	ITU-T	0
3308	Y.1401	Principles of interworking - Study Group 13	2008	ITU-T	0
3309	Y.2054	Framework to support signalling for IPv6-based NGN - Study Group 13	2008	ITU-T	0
3310	L.80	Operations support system requirements for infrastructure and network elements management using ID technology - Study Group 6	2008	ITU-T	0
3311	A.31	Guidelines and coordination requirements for the organization of ITU-T workshops and seminars	2008	ITU-T	0
3312	G.984.6	Gigabit-capable passive optical networks (GPON): Reach extension - Study Group 15	2008	ITU-T	0
3313	Q.1708	Framework of location management for NGN - Study Group 19	2008	ITU-T	0
3314	RESOLUTION 54	Creation of regional groups	2008	ITU-T	0
3315	RESOLUTION 35	Appointment and maximum term of office for chairmen and vice-chairmen of ITU-T study groups and of TSAG	2008	ITU-T	0
3316	J.370	IPCablecom2 embedded user equipment provisioning data model specification - Study Group 9	2008	ITU-T	0
3317	SERIES H SUPP 10	Proxy-aided NAT/FW traversal scheme for ITU-T H.323 multimedia systems - Study Group 16	2008	ITU-T	0
3318	E.123 NOTE	Notation for national and international telephone numbers, e-mail addresses and Web addresses	2008	ITU-T	0
3319	Y.2232	NGN convergence service model and scenario using web services - Study Group 13	2008	ITU-T	0
3320	RESOLUTION 61	Misappropriation of international telecommunication numbering resources	2008	ITU-T	0
3321	H.622.1	Architecture and functional requirements for home networks supporting IPTV services - Study Group 16	2008	ITU-T	0
3322	H.248.55	Gateway control protocol: Generic pull mode package - Study Group 16	2008	ITU-T	0
3323	RESOLUTION 76	Studies related to conformance and interoperability testing, assistance to developing countries, and a possible future ITU Mark programme	2008	ITU-T	0
3324	RESOLUTION 70	Telecommunication/information and communication technology accessibility for persons with disabilities	2008	ITU-T	0
3325	J.460.3	IPCablecom2 residential SIP telephony: Usage data recording - Study Group 9	2008	ITU-T	0
3326	L.73	Methods for inspecting and repairing underground plastic ducts - Study Group 6	2008	ITU-T	0
3327	G.729.1 AMD 4	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Amendment 4: New Annex C (DTX/CNG scheme) plus corrections to main body and Annex B - Study Group 16	2008	ITU-T	0
3328	SERIES Q SUPP 59	(Pre-Published) Signalling flows and parameter mapping for resource control	2008	ITU-T	0
3329	RESOLUTION 66	The creation of a technology watch function in the Telecommunication Standardization Bureau	2008	ITU-T	0
3330	X.1244	Overall aspects of countering spam in IP-based multimedia applications - Study Group 17	2008	ITU-T	0
3331	X.668	Information technology Open Systems Interconnection Procedures for the operation of OSI Registration Authorities: Registration of object identifier arcs for applications and services using tag-based identification - Study Group 17	2008	ITU-T	0
3332	Q.3402	NGN UNI signalling profile (Protocol set 1) - Study Group 11	2008	ITU-T	0
3333	X.1088	Telebiometrics digital key framework (TDK) A framework for biometric digital key generation and protection - Study Group 17	2008	ITU-T	0
3334	T.808 AMD 3	Information technology JPEG 2000 image coding system: Interactivity tools, APIs and protocols Amendment 3: JPIP extensions to 3D data - Study Group 16	2008	ITU-T	0
3335	RESOLUTION 67	Creation of a Standardization Committee for Vocabulary	2008	ITU-T	0
3336	G.776.2	SPNE mechanisms/auxiliary functions - Study Group 16	2008	ITU-T	0

3337	L.77	Installation of optical fibre cables inside sewer ducts - Study Group 6	2008	ITU-T	0
3338	Q.3901	Testing topology for networks and services based on NGN technical means - Study Group 11	2008	ITU-T	0
3339	T.55	Use of the universal multiple-octet coded character set (UCS) - Study Group 16	2008	ITU-T	0
3340	Y.2213	NGN service requirements and capabilities for network aspects of applications and services using tag-based identification - Study Group 13	2008	ITU-T	0
3341	Y.2212	Requirements of managed delivery services - Study Group 13	2008	ITU-T	0
3342	RESOLUTION 44	Bridging the standardization gap between developing and developed countries	2008	ITU-T	0
3343	RESOLUTION 60	Responding to the challenges of the evolution of the numbering system and its convergence with IP-based systems/networks - Study Group 2	2008	ITU-T	0
3344	RESOLUTION 75	ITU-Ts contribution in implementing the outcomes of the World Summit on the Information Society, and the establishment of a Dedicated Group on Internetrelated Public Policy Issues as an integral part of the Council Working Group on the World Summit on the	2008	ITU-T	0
3345	Y.2235	Converged web-browsing service scenarios in NGN - Study Group 13	2008	ITU-T	0
3346	Y.2051	General overview of IPv6-based NGN - Study Group 13	2008	ITU-T	0
3347	SERIES Y SUPP 7	ITU-T Y.2000-series Supplement on NGN release 2 scope - Study Group 13	2008	ITU-T	0
3348	H.622	A generic home network architecture with support for multimedia services - Study Group 16	2008	ITU-T	0
3349	SERIES M SUPP 7	Supplement on directory of external terminology schemas - Study Group 4	2008	ITU-T	0
3350	J.460.2	IPCablecom2 residential SIP telephony: embedded digital voice adapter (E-DVA) specification - Study Group 9	2008	ITU-T	0
3351	RESOLUTION 34	Voluntary contributions	2008	ITU-T	0
3352	X.1114	Authorization framework for home networks - Study Group 17	2008	ITU-T	0
3353	X.1241	Technical framework for countering email spam - Study Group 17	2008	ITU-T	0
3354	RESOLUTION 48	Internationalized (multilingual) domain names	2008	ITU-T	0
3355	T.808 CORR 2	Information technology JPEG 2000 image coding system: Interactivity tools, APIs and protocols Technical Corrigendum 2: Clarifications to the metadata transfers between server and client - Study Group 16	2008	ITU-T	0
3356	G.825 AMD 1	The control of jitter and wander within digital networks which are based on the synchronous digital hierarchy (SDH) Amendment 1 - Study Group 15	2008	ITU-T	0
3357	RESOLUTION 40	Regulatory aspects of ITU-T work	2008	ITU-T	0
3358	RESOLUTION 11	Collaboration with the Postal Operations Council (POC) of the Universal Postal Union (UPU) in the study of services concerning both the postal and the telecommunication sectors - Study Group 2	2008	ITU-T	0
3359	T.807 AMD 1	Information technology JPEG 2000 image coding system: Secure JPEG 2000 Amendment 1: File format security - Study Group 16	2008	ITU-T	0
3360	G.784	(Pre-Published) Management aspects of the Synchronous Digital Hierarchy (SDH) transport network element	2008	ITU-T	0
3361	Y.1910	IPTV functional architecture - Study Group 13	2008	ITU-T	0
3362	H.248.43	Gateway control protocol: Packages for gate management and gate control - Study Group 16	2008	ITU-T	0
3363	X.1112	Device certificate profile for the home network - Study Group 17	2007	ITU-T	0
3364	M.1403	Formalization of generic orders - Study Group 4	2007	ITU-T	0
3365	M.3050.4	Enhanced Telecom Operations Map (eTOM) B2B integration: Using B2B inter-enterprise integration with the eTOM - Study Group 4	2007	ITU-T	0
3366	H.248.59	Gateway control protocol: Event timestamp notification package - Study Group 16	2007	ITU-T	0

3367	G.729.1 AMD 3	G.729 based Embedded Variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729 Amendment 3: Extension of the G.729.1 low-delay mode functionality to 14 kbit/s, and corrections to the main body and Annex B - Study G	2007	ITU-T	0
3368	M.3050.0	Enhanced Telecom Operations Map (eTOM) Introduction - Study Group 4	2007	ITU-T	0
3369	A.13 AMD 1	Supplements to ITU-T Recommendations Amendment 1: Approval of a supplement at a working party meeting	2007	ITU-T	0
3370	G.108.2	Transmission planning aspects of echo cancellers - Study Group 12	2007	ITU-T	0
3371	T.809	Information technology JPEG 2000 image coding system: Extensions for three-dimensional data - Study Group 16	2007	ITU-T	0
3372	X.1083	Information technology Biometrics BioAPI interworking protocol - Study Group 17	2007	ITU-T	0
3373	T.120	Data protocols for multimedia conferencing; - Study Group 16	2007	ITU-T	0
3374	SERIES G SUPP 44	Test plan to verify B-PON interoperability - Study Group 15	2007	ITU-T	0
3375	X.1111	Framework of security technologies for home network - Study Group 17	2007	ITU-T	0
3376	J.83	Digital multi-programme systems for television, sound and data services for cable distribution - Study Group 9	2007	ITU-T	0
3377	J.366.1	(Pre-Published) Organization of subscriber data Specification	2007	ITU-T	0
3378	Y.2112	A QoS control architecture for Ethernet-based IP access networks - Study Group 13	2007	ITU-T	0
3379	J.284	Requirements and framework for gathering electronic content over IP-based network - Study Group 9	2007	ITU-T	0
3380	H.246 AMD 1	Interworking of H-series multimedia terminals with H-series multimedia terminals and voice/voiceband terminals on GSTN, ISDN and PLMN Amendment 1: Mapping of user priority level and country/international network of call origination between H.225 and ISUP	2007	ITU-T	0
3381	G.998.2 AMD 1	Ethernet-based Multi-Pair Bonding - Study Group 15	2007	ITU-T	0
3382	T.812	Information technology JPEG 2000 image coding system: An entry level JPEG 2000 encoder - Study Group 16	2007	ITU-T	0
3383	Y.1322	Network node interface for the synchronous digital hierarchy (SDH) - Study Group 15	2007	ITU-T	0
3384	Q.3401	NGN NNI signalling profile (protocol set 1) - Study Group 11	2007	ITU-T	0
3385	M.3050.3	Enhanced Telecom Operations Map (eTOM) Representative process flows - Study Group 4	2007	ITU-T	0
3386	M.3170.2	Multi-technology network management: Information agreement (TMF608) - Study Group 4	2007	ITU-T	0
3387	G.7715 AMD 1	Architecture and requirements for routing in the automatically switched optical networks Amendment 1 - Study Group 15	2007	ITU-T	0
3388	E.802	Framework and methodologies for the determination and application of QoS parameters - Study Group 2	2007	ITU-T	0
3389	J.214	Cable modem TDM emulation interface - Study Group 9	2007	ITU-T	0
3390	J.161	Audio and video codec requirements and usage for the provision of bidirectional audio services over cable television networks using cable modems - Study Group 9	2007	ITU-T	0
3391	X.608	Information technology Enhanced communications transport protocol: Specification of N-plex multicast transport - Study Group 17	2007	ITU-T	0
3392	H.248.56	Gateway control protocol: Packages for virtual private network support - Study Group 16	2007	ITU-T	0
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3596	J.210	Downstream RF interface for cable modem termination systems - Study Group 9	2006	ITU-T	0
3597	G.691	Optical interfaces for single channel STM-64 and other SDH systems with optical amplifiers	2006	ITU-T	0
3598	H.248.45	Gateway control protocol: MGC information package - Study Group 16	2006	ITU-T	0
3599	Y.1308 AMD 1	Ethernet UNI and Ethernet NNI Amendment 1 - Study Group 15	2006	ITU-T	0
3600	J.292	Next generation set-top box media-independent architecture - Study Group 9	2006	ITU-T	0
3601	G.667	Characteristics of adaptive chromatic dispersion compensators - Study Group 15	2006	ITU-T	0
3602	G.7042	Link capacity adjustment scheme (LCAS) for virtual concatenated signals - study group 15	2006	ITU-T	0
3603	E.861	Defining operations competency metrics - Study Group 2	2006	ITU-T	0
3604	G.723.1	Dual rate speech coder for multimedia communications transmitting at 5.3 and 6.3 kbit/s - Study Group 16	2006	ITU-T	0
3605	Y.2801	Mobility management requirements for NGN - Study Group 19	2006	ITU-T	0
3606	V.151	Procedures for the end-to-end connection of analogue PSTN text telephones over an IP network utilizing text relay - Study Group 16	2006	ITU-T	0
3607	G.7043 CORR 1	Virtual concatenation of plesiochronous digital hierarchy (PDH) signals Corrigendum 1 - Study Group 15; Also Listed as Y.1343	2006	ITU-T	0
3608	G.8010 AMD 1	Architecture of Ethernet layer networks Amendment 1 - Study Group 15	2006	ITU-T	0
3609	J.290	Next generation set-top box core architecture - Study Group 9	2006	ITU-T	0
3610	Q.1902.1 AMD 2	Bearer Independent Call Control protocol (Capability Set 2): Functional description Amendment 2: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3611	L.67	Small count optical fibre cables for indoor applications - Study Group 6	2006	ITU-T	0
3612	Y.2261	PSTN/ISDN evolution to NGN	2006	ITU-T	0
3613	K.69	Maintenance of protective measures - Study Group 5	2006	ITU-T	0
3614	Y.1453	TDM IP Interworking User plane interworking - Study Group 13	2006	ITU-T	0
3615	G.957	Optical interfaces for equipments and systems relating to the synchronous digital hierarchy - Study Group 15	2006	ITU-T	0
3616	O.211	Test and measurement equipment to perform tests at the IP layer - Study Group 4	2006	ITU-T	0
3617	J.366.9	IPCablecom2 IP Multimedia Subsystem (IMS): Generic authentication architecture specification - Study Group 9	2006	ITU-T	0
3618	Y.2601	Fundamental characteristics and requirements of future packet based networks - Study Group 13	2006	ITU-T	0
3619	Y.1452	Voice trunking over IP networks - Study Group 13	2006	ITU-T	0
3620	J.365	IPCablecom2 application manager interface - Study Group 9	2006	ITU-T	0
3621	Q.762 AMD 3	Signalling System No. 7 ISDN User Part general functions of messages and signals Amendment 3: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3622	M.3060	Principles for the Management of Next Generation Networks - Study Group 4	2006	ITU-T	0
3623	J.212	Downstream external Physical layer interface for modular cable modem termination systems - Study Group 9	2006	ITU-T	0
3624	Z.146	Testing and Test Control Notation version 3 (TTCN-3): Using ASN.1 with TTCN-3 - Study Group 17	2006	ITU-T	0
3625	L.65	Optical fibre distribution of access networks - Study Group 6	2006	ITU-T	0
3626	Y.1709.1	Protocol-neutral management information model for the control plane view - Study Group 15	2006	ITU-T	0
3627	Z.143	Testing and Test Control Notation version 3 (TTCN-3): Operational semantics - Study Group 17	2006	ITU-T	0
3628	G.983.2 NOTE	ONT management and control interface specification for B-PON	2006	ITU-T	0
3629	Q.50 NOTE	Signalling between Circuit Multiplication Equipment (CME) and International Switching Centres (ISC)	2006	ITU-T	0
3630	E.118	The international telecommunication charge card - Study Group 2	2006	ITU-T	0
3631	G.8601	Architecture of service management in multi-bearer, multi-carrier environment - Study Group 15	2006	ITU-T	0

3632	SERIES H SUPP 5	Gateway control protocol: Guidelines for resource management of IP Address & Port resources for H.248 RTP terminations - Study Group 16	2006	ITU-T	0
3633	Q.2931 AMD 5	Digital Subscriber Signalling System No. 2 User-Network Interface (UNI) layer 3 specification for basic call/connection control Amendment 5: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3634	Q.3900	Methods of testing and model network architecture for NGN technical means testing as applied to public telecommunication networks - Study Group 11	2006	ITU-T	0
3635	J.199	Battery backup for cable-based devices - Study Group 9	2006	ITU-T	0
3636	Y.2271	Call server-based PSTN/ISDN emulation - Study Group 13	2006	ITU-T	0
3637	Q.762 AMD 4	Signalling System No. 7 ISDN user part general functions of messages and signals Amendment 4: Transport of Voice Enhancement Device related information - Study Group 11	2006	ITU-T	0
3638	Q.1902.4 AMD 3	Bearer Independent Call Control protocol (Capability Set 2): Basic call procedures Amendment 3: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3639	G.8012 AMD 1	Ethernet UNI and Ethernet NNI Amendment 1 - Study Group 15	2006	ITU-T	0
3640	H.361	End-to-end quality of service (QoS) and service priority signalling in H.323 systems - Study Group 16	2006	ITU-T	0
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3642	G.1040	Network Contribution to Transaction Time	2006	ITU-T	0
3643	Y.2013	Converged services framework functional requirements and architecture - Study Group 13	2006	ITU-T	0
3644	J.243	Requirements for operational monitoring in television programme transmission chains - Study Group 9	2006	ITU-T	0
3645	G.640	Co-location longitudinally compatible interfaces for free space optical systems - Study Group 15	2006	ITU-T	0
3646	E.156	Guidelines for ITU-T action on reported misuse of E.164 number resources - Study Group 2	2006	ITU-T	0
3647	Q.1742.5	IMT-2000 references (approved as of 31 December 2005) to ANSI-41 evolved core network with cdma2000 access network - Study Group 19	2006	ITU-T	0
3648	Q.1902.2 AMD 4	Bearer Independent Call Control protocol (Capability Set 2) and Signalling System No. 7 ISDN user part: General functions of messages and parameters Amendment 4: Transport of Voice Enhancement Device related information - Study Group 11	2006	ITU-T	0
3649	SERIES Q SUPP 37	DSS1 and DSS2 messages and information element identifiers - Study Group 11	2006	ITU-T	0
3650	Z.145	Testing and Test Control Notation version 3 (TTCN-3): Control Interface (TCI) - Study Group 17	2006	ITU-T	0
3651	J.283	IP network architecture with network layer route diversity providing resilient IP multicast video distribution - Study Group 9	2006	ITU-T	0
3652	Q.2630.3 AMD 1	AAL type 2 signalling protocol Capability Set 3 Amendment 1: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3653	E.419	Business oriented key performance indicators for management of networks and services - Study Group 2	2006	ITU-T	0
3654	G.783	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks - Study Group 15	2006	ITU-T	0
3655	Y.1454	Tandem free operation (TFO) IP network interworking User plane interworking - Study Group 13	2006	ITU-T	0
3656	T.810	Information technology JPEG 2000 image coding system: Wireless - Study Group 16	2006	ITU-T	0
3657	G.983.2 AMD 1	ONT management and control interface specification for B-PON Amendment 1: Omnibus improvements for OMCI - Study Group 15	2006	ITU-T	0
3658	H.249	Extended User Input Indications - Study Group 16	2006	ITU-T	0
3659	M.3342	Guidelines for the definition of SLA representation templates - Study Group 4	2006	ITU-T	0
3660	Y.2031	PSTN/ISDN emulation architecture - Study Group 13	2006	ITU-T	0
3661	Y.2021	IMS for Next Generation Networks - Study Group 13	2006	ITU-T	0
3662	SERIES H SUPP 6	Control load quantum for decomposed gateways - Study Group 16	2006	ITU-T	0

3663	H.235.7 NOTE	H.323 security: Usage of the MIKEY key management protocol for the Secure Real Time Transport Protocol (SRTP) within H.235	2006	ITU-T	0
3664	Z.144	Testing and Test Control Notation version 3 (TTCN-3): Runtime interface (TRI) - Study Group 17	2006	ITU-T	0
3665	Q.1902.3 AMD 3	Bearer Independent Call Control protocol (Capability Set 2) and Signalling System No. 7 ISDN User Part: Formats and codes Amendment 3: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3666	T.801 CORR 4	Information technology JPEG 2000 image coding system: Extensions Technical Corrigendum 4 - Study Group 16	2006	ITU-T	0
3667	Q.1902.3 AMD 4	Bearer Independent Call Control protocol (Capability Set 2) and Signalling System No. 7 ISDN user part: Formats and codes Amendment 4: Transport of Voice Enhancement Device related information - Study Group 11	2006	ITU-T	0
3668	J.363	IPCablecom2 data collection to support accounting - Study Group 9	2006	ITU-T	0
3669	G.783 NOTE	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks	2006	ITU-T	0
3670	I.610 AMD 2	B-ISDN Operation and Maintenance Principles and Functions: Amendment 2: Measurement of round trip delay using loopback cell - Study Group 13	2006	ITU-T	0
3671	X.1142	eXtensible Access Control Markup Language (XACML 2.0) - Study Group 17	2006	ITU-T	0
3672	J.361	IPCablecom2 codec and media - Study Group 9	2006	ITU-T	0
3673	X.1141	Security Assertion Markup Language (SAML 2.0) - Study Group 17	2006	ITU-T	0
3674	Q.761 AMD 3	Signalling System No. 7 ISDN User Part functional description Amendment 3: Support for the International Emergency Preference Scheme - Study Group 11	2006	ITU-T	0
3675	G.983.1 AMD 1	Broadband optical access systems based on Passive Optical Networks (PON) Amendment 1: PICS for OLT and ONU - Study Group 15	2005	ITU-T	0
3676	M.3016.2	Security for the management plane: security services - Study Group 4	2005	ITU-T	0
3677	F.742	Service description and requirements for distance learning services	2005	ITU-T	0
3678	J.172	IPCablecom management event mechanism - Study Group 9	2005	ITU-T	0
3679	T.851	ITU-T T.81 (JPEG-1)-based still-image coding using an alternative arithmetic coder SERIES T: TERMINALS FOR TELEMATIC SERVICES - Study Group 16	2005	ITU-T	0
3680	F.733	Service description and requirements for multimedia conference services over IP networks - Audiovisual services	2005	ITU-T	0
3681	M.3016.4	Security for the management plane: Profile proforma - Study Group 4	2005	ITU-T	0
3682	Y.1709	Framework for ASON management - Also Listed on G.7718	2005	ITU-T	0
3683	Y.1711 CORR 1	Operation and maintenance mechanism for MPLS networks Corrigendum 1 - Study Group 13; Corrigendum 1: 02/2005	2005	ITU-T	0
3684	G.726 CORR 1	40, 32, 24, 16 kbit/s Adaptive Differential Pulse Code Modulation (ADPCM) Corrigendum 1: Correction to Annex A: Extensions of Recommendation G.726 for use with uniform-quantized input and output - Study Group 16	2005	ITU-T	0
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3686	J.170	IPCablecom security specification - Study Group 9	2005	ITU-T	0
3687	Y.1415	Ethernet-MPLS network interworking User plane interworking - Study Group 13	2005	ITU-T	0
3688	H.235.8	H.323 security: Key exchange for SRTP using secure signalling channels - Study Group 16	2005	ITU-T	0
3689	H.460.16	Multiple message release sequence capability within H.323 Systems	2005	ITU-T	0
3690	F.741	Service description and requirements for audiovisual on-demand services - Study Group 16	2005	ITU-T	0
3691	Z.371	Graphic information for telecommunication management objects - Study Group 4	2005	ITU-T	0
3692	Y.1321 CORR 1	IP over SDH using LAPS - Also Listed as X.85	2005	ITU-T	0
3693	J.179	IPCablecom support for multimedia - Study Group 9	2005	ITU-T	0
3694	P.341	Transmission characteristics for wideband (150-7000 Hz) digital hands-free telephony terminals - Study Group 12	2005	ITU-T	0
3695	Y.1370	MPLS layer network architecture - Study Group 15; Also listed as G.8110	2005	ITU-T	0
3696	H.321 CORR 1	Adaptation of H.320 visual telephone terminals to B-ISDN environments Corrigendum 1 - Study Group 16	2005	ITU-T	0

3697	J.171.1	IPCablecom trunking gateway control protocol (TGCP): Profile 1 - Study Group 9	2005	ITU-T	0
3698	M.3017 AMD 1	Framework for the integrated management of hybrid circuit/packet networks Telecommunications management network - Study Group 4	2005	ITU-T	0
3699	G.803 AMD 1	Architecture of transport networks based on the synchronous digital hierarchy (SDH) Amendment 1 - Study Group 15	2005	ITU-T	0
3700	G.722.1	Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss - Study Group 16	2005	ITU-T	0
3701	J.178	IPCablecom CMS to CMS signalling - Study Group 9	2005	ITU-T	0
3702	V.70 CORR 1	Procedures for the simultaneous transmission of data and digitally encoded voice signals over the GSTN, or over 2-wire leased point-to-point telephone type circuits	2005	ITU-T	0
3703	Y.1711 AMD 1	Operation & Maintenance mechanism for MPLS networks Amendment 1: New function type codes - Study Group 13	2005	ITU-T	0
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3705	H.235.9	H.323 security: Security gateway support for H.323 - Study Group 16	2005	ITU-T	0
3706	G.985 CORR 1	100 Mbit/s point-to-point Ethernet based optical access system - Study Group 15	2005	ITU-T	0
3707	G.991.2 AMD 2	Single-pair High-Speed Digital Subscriber Line (SHDSL) transceivers Amendment 2 - Study Group 15; covering note: 11/22/2005	2005	ITU-T	0
3708	M.3031 CORR 1	Guidelines for Implementation Conformance Statement proformas for tML schemas Corrigendum 1 - Study Group 4	2005	ITU-T	0
3709	H.235.3	H.323 security: Hybrid security profile - Study Group 16	2005	ITU-T	0
3710	G.991.2 NOTE	Single-pair High-Speed Digital Subscriber Line (SHDSL) transceivers Amendment 2	2005	ITU-T	0
3711	E.910	Procedures for registration within the domain ".int" - Study Group 2	2005	ITU-T	0
3712	SERIES Q SUPP 53	Signalling requirements to support the International Emergency Preference Scheme (IEPS) - Study Group 13	2005	ITU-T	0
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3714	Q.1742.4	IMT-2000 References (approved as of 30 June 2004) to ANSI-41 evolved Core Network with cdma2000 Access Network - Study Group 19	2005	ITU-T	0
3715	T.30	Procedures for document facsimile transmission in the general switched telephone network - Study Group 16	2005	ITU-T	0
3716	H.235.8	H.323 security: Key exchange for SRTP using secure signalling channels - Study Group 16	2005	ITU-T	0
3717	H.243	Procedures for establishing communication between three or more audiovisual terminals using digital channels up to 1920 kbit/s - Study Group 16	2005	ITU-T	0
3718	J.177	IPCablecom CMS subscriber provisioning specification - Study Group 9	2005	ITU-T	0
3719	E.168.1	Assignment procedures for Universal Personal Telecommunications (UPT) Numbers in the Provisioning of the UPT service - Study Group 2	2005	ITU-T	0
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3722	G.998.1	ATM-based Multi-Pair Bonding	2005	ITU-T	0
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3724	H.235.4	H.323 security: Direct and selective routed call security - Study Group 16	2005	ITU-T	0
3725	J.173	IPCablecom embedded MTA primary line support - Study Group 9	2005	ITU-T	0
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3727	G.727 CORR 1	Corrigendum 1: Correction to Annex A: Extensions of Recommendation G.727 for use with uniform-quantized input and output SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND N	2005	ITU-T	0

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3733	J.175	Audio server protocol - Study Group 9	2005	ITU-T	0
3734	Q.1741.4	IMT-2000 references to release 6 of GSM evolved UMTS core network - Study Group 19	2005	ITU-T	0
3735	T.808	Information technology JPEG 2000 image coding system: Interactivity tools, APIs and protocols	2005	ITU-T	0
3736	H.460.20	Location number within H.323 systems - Study Group 16	2005	ITU-T	0
3737	T.44 NOTE	Mixed Raster Content (MRC) - Study Group 16	2005	ITU-T	0
3738	H.460.17	Using H.225.0 call signalling connection as transport for H.323 RAS messages - Study Group 16	2005	ITU-T	0
3739	T.802	Information technology JPEG 2000 image coding system: Motion JPEG 2000 - Study Group 16	2005	ITU-T	0
3740	H.235.2	H.323 security: Signature security profile - Study Group 16	2005	ITU-T	0
3741	J.162	Network call signalling protocol for the delivery of time-critical services over cable television networks using cable modems - Study Group 9	2005	ITU-T	0
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3743	M.3100	Generic Network Information Model - Study Group 4	2005	ITU-T	0
3744	Y.1340	GFP frame mapping into Plesiochronous Digital Hierarchy (PDH) - Also Listed as G.8040	2005	ITU-T	0
3745	NGN PART 1	NGN Focus Group Proceedings: Part 1	2005	ITU-T	0
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3750	T.801 AMD 2	Information technology JPEG 2000 image coding system: Extensions Amendment 2: Extended capabilities marker segment - Study Group 16	2005	ITU-T	0
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3753	D.180	Occasional provision of circuits for international sound- and television-programme transmissions Series D: General Tariff Principles; General tariff principles - International sound-and television-programme transmissions - Study Group 3	2005	ITU-T	0
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3763	G.983.1	Broadband optical access systems based on Passive Optical Networks (PON) - Study Group 15	2005	ITU-T	0
3764	Y.1343 AMD 1	Virtual concatenation of plesiochronous digital hierarchy (PDH) signals SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT-GENERATION NETWORKS Internet protocol aspects Transport - Study Group 15; Also Listed as G.7043 AMD 1	2005	ITU-T	0
3765	T.801 CORR 3	Information technology JPEG 2000 image coding system: Extensions SERIES T: TERMINALS FOR TELEMATIC SERVICES	2005	ITU-T	0
3766	H.310 CORR 1	Broadband Audiovisual Communication Systems and Terminals Corrigendum 1 - Study Group 16	2005	ITU-T	0
3767	G.8040	GFP frame mapping into Plesiochronous Digital Hierarchy (PDH) - Also Listed as Y.1340	2005	ITU-T	0
3768	J.171.2	IPCablecom trunking gateway control protocol (TGCP): Profile 2 - Study Group 9	2005	ITU-T	0
3769	Y.1307.1 CORR 1	Ethernet private line service Internet protocol aspects Transport - Study Group 15; Also Listed as G.8011.1 CORR 1	2005	ITU-T	0
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3772	G.983.2	ONT management and control interface specification for B-PON - Study Group 15	2005	ITU-T	0
3773	J.601	Transport of Large Screen Digital Imagery (LSDI) applications for its expanded hierarchy - Study Group 9	2005	ITU-T	0
3774	D.4	Special conditions for the lease of international (continental and intercontinental) sound- and television-programme circuits for private service - Study Group 3	2005	ITU-T	0
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3776	H.235.7	H.323 security: Usage of the MIKEY key management protocol for the Secure Real Time Transport Protocol (SRTP) within H.235 - Study Group 16	2005	ITU-T	0
3777	E.214	Structure of the land mobile global title for the signalling connection control part (SCCP) - Study Group 2	2005	ITU-T	0
3778	J.241	Quality of service ranking and measurement methods for digital video services delivered over broadband IP networks - Study Group 9	2005	ITU-T	0
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3780	G.991.2 AMD 3	Single-pair high-speed digital subscriber line (SHDSL) transceivers Amendment 3 - Digital sections and digital line system Access networks - Study Group 15	2005	ITU-T	0
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3782	K.49	Test requirements and performance criteria for voice terminal telephones subject to disturbance from digital mobile telecommunications systems	2005	ITU-T	0
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3784	M.3016.3	Security for the management plane: Security mechanism - Study Group 4	2005	ITU-T	0
3785	Y.1705	Generalized automatic discovery for transport entities - Study Group 15; Also listed as G.7714	2005	ITU-T	0
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3791	H.263	Video coding for low bit rate communication - study Group 16	2005	ITU-T	0
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3793	X.952 CORR 1	Information technology Open Distributed Processing Trading function: Provision of trading function using OSI Directory service Technical Corrigendum 1 - Study Group 17	2005	ITU-T	0
3794	J.192	A residential gateway to support the delivery of cable data services - Study Group 9	2005	ITU-T	0
3795	G.7043 AMD 1	Virtual concatenation of pliesochronous digital hierarchy (PDH) signals SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal equipments General - Study Group 15; Also Listed as Y.1343 AMD 1	2005	ITU-T	0
3796	Y.1413 CORR 1	TDM-MPLS network interworking User plane interworking Corrigendum 1 - Internet protocol aspects Interworking	2005	ITU-T	0
3797	G.812 NOTE	Timing requirements of slave clocks suitable for use as node clocks in synchronization networks - Study Group 13	2005	ITU-T	0
3798	G.7714	Generalized automatic discovery for Transport Entities - Study Group 15	2005	ITU-T	0
3799	M.3016.1	Security for the Management Plane: Security Requirements - Study Group 4	2005	ITU-T	0
3800	G.983.3 AMD 2	A broadband optical access system with increased service capability by wavelength allocation Amendment 2 - Study Group 15	2005	ITU-T	0
3801	E.470	Operational considerations for QoS of voice over IP-based networks with PSTN-IP-PSTN architecture	2005	ITU-T	0
3802	X.892	Information technology Generic applications of ASN.1: Fast Web Services - Study Group 17	2005	ITU-T	0
3803	F.724	Service description and requirements for videotelephony services over IP networks - Study Group 16	2005	ITU-T	0
3804	V.140	Procedures for establishing communication between two multiprotocol audiovisual terminals using digital channels at a multiple of 64 or 56 kbit/s - Study Group 16	2005	ITU-T	0
3805	J.260	Requirements for preferential telecommunications over IPCablecom networks SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS IPCablecom - Study Group 9	2005	ITU-T	0
3806	G.983.4 CORR 1	A broadband optical access system with increased service capability using dynamic bandwidth assignment Corrigendum 1 SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and digital line system Optical line systems for 1	2005	ITU-T	0
3807	G.722.2 CORR 1	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Corrigendum 1 - Digital terminal equipments Coding of analogue signals by methods other than PCM	2005	ITU-T	0
3808	G.662	Generic Characteristics of Optical Amplifier Devices and Subsystems - Study Group 15	2005	ITU-T	0
3809	F.750	Metadata framework	2005	ITU-T	0
3810	M.3031	Guidelines for Implementation Conformance Statement proformas for tML Schemas SERIES M: TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS Telecommunications management network -	2004	ITU-T	0
3811	Q.1980.1	The Narrowband Signalling Syntax (NSS) - Syntax Definition	2004	ITU-T	0
3812	L.61	Optical fibre cable installation by floating technique SERIES L: CONSTRUCTION, INSTALLATION AND PROTECTION OF CABLES AND OTHER ELEMENTS OF OUTSIDE PLANT - Study Group 6	2004	ITU-T	0
3813	Q.2111 NOTE	B-ISDN ATM adaptation layer Service specific connection oriented protocol in a multilink and connectionless environment (SSCOPMCE) Amendment 2: API for SSCOPMCE over Ethernet - Study Group 11	2004	ITU-T	0
3814	Q.834.4 AMD 1	A CORBA interface specification for Broadband Passive Optical Networks based on UML interface requirements Amendment 1 SERIES Q: SWITCHING AND SIGNALLING Q3 interface - Study Group 4	2004	ITU-T	0
3815	G.812	Timing requirements of slave clocks suitable for use as node clocks in synchronization networks - Study Group 15	2004	ITU-T	0
3816	P.340 NOTE	Transmission characteristics and speech quality parameters of hands-free terminals - Study Group 12	2004	ITU-T	0
3817	Q.834.3	A UML description for management interface requirements for Broadband Passive Optical Networks - Study Group 4	2004	ITU-T	0
3818	Q.1902.3 AMD 2	Bearer Independent Call Control protocol (Capability Set 2) and Signalling System No. 7 ISDN User Part: Formats and codes Amendment 2 SERIES Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent Call Control (BICC) - Study	2004	ITU-T	0

3819	T.42 CORR 1	Continuous-tone colour representation method for facsimile Corrigendum 1 SERIES T: TERMINALS FOR TELEMATIC SERVICES - Study Group 16	2004	ITU-T	0
3820	G.993.1	Very high speed digital subscriber line transceivers - Study Group 15	2004	ITU-T	0
3821	H.460.9 AMD 1	Support for online QoS-monitoring reporting within H.323 systems Amendment 1: New Annex B: Extended performance metrics SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Supplementary services for multimedia - Study Group	2004	ITU-T	0
3822	J.149	Method for specifying accuracy and cross-calibration of Video Quality Metrics (VQM) - Study Group 9	2004	ITU-T	0
3823	H.460.14	Support for multilevel precedence and preemption (MLPP) within H.323 systems SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Supplementary services for multimedia - Study Group 16	2004	ITU-T	0
3824	J.600	Transport of Large Screen Digital Imagery (LSDI) applications that employ MPEG-2 encoded HDTV signals SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Transport of Large Screen Digital Imagery - Study G	2004	ITU-T	0
3825	Y.1501	Relationships among ISDN, IP-based network and physical layer performance Recommendations - Study Group 13	2004	ITU-T	0
3826	G.108 AMD 2	Application of the E-model: A planning guide Amendment 2: New Appendix II Planning examples regarding delay in packet-based networks SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS International telephone connections and circuits Ge	2004	ITU-T	0
3827	Y.1291	An architectural framework for support of Quality of Service in packet networks SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Architecture, access, network capabilities and re	2004	ITU-T	0
3828	G.8010	Architecture of Ethernet layer networks SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks General aspects - Also Listed as Y.1306	2004	ITU-T	0
3829	SERIES Q SUPP 52	NNI mobility management requirements for systems beyond IMT-2000 SERIES Q: SWITCHING AND SIGNALLING - Study Group 19	2004	ITU-T	0
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3831	X.1122	Guideline for implementing secure mobile systems based on PKI SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Telecommunication security - Study Group 17	2004	ITU-T	0
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3834	J.112 ANNEX B	Transmission systems for interactive cable television services Annex B: Data-over-cable service interface specifications: Radio-frequency interface specification - Study Group 9	2004	ITU-T	0
3835	J.240	Framework for remote monitoring of transmitted picture Signal-to-Noise ratio using spread-spectrum and orthogonal transform	2004	ITU-T	0
3836	H.460.12	Glare control indicator within H.323 systems SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Supplementary services for multimedia - Study Group 16	2004	ITU-T	0
3837	Y.1711	Operation and maintenance mechanism for MPLS networks - Study Group 13	2004	ITU-T	0
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3839	Q.765.5	Signalling system No. 7 Application transport mechanism: Bearer Independent Call Control (BICC) SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 ISDN user part - Study Group 11	2004	ITU-T	0
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3841	Q.762 AMD 2	Signalling System No. 7 ISDN User Part general functions of messages and signals Amendment 2 - Study Group 11	2004	ITU-T	0
3842	Y.2001	General overview of NGN - Study Group 13	2004	ITU-T	0

3843	G.975.1	Forward error correction for high bit-rate DWDM submarine systems	2004	ITU-T	0
3844	Q.763 AMD 3	Signalling System No. 7 ISDN user part formats and codes Amendment 3 SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 ISDN user part - Study Group 11	2004	ITU-T	0
3845	Y.1413	TDM-MPLS network interworking User plane internet protocol aspects Interworking	2004	ITU-T	0
3846	K.66	Protection of Customer Premises from Overvoltages - Study Group 5	2004	ITU-T	0
3847	H.460.10	Call party category within H.323 systems SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Supplementary services for multimedia - Study Group 16	2004	ITU-T	0
3848	K.62	System level radiated emissions compliance using mathematical modelling - Study Group 5	2004	ITU-T	0
3849	H.248.7	Gateway control protocol: Generic Announcement package SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Communication procedures - Study Group 16	2004	ITU-T	0
3850	Y.1308	Ethernet UNI and Ethernet NNI SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport - Study Group 15	2004	ITU-T	0
3851	Y.1414	Voice services MPLS network interworking - Study Group 13	2004	ITU-T	0
3852	G.991.2 AMD 1	Single-Pair High-Speed Digital Subscriber Line (SHDSL) Transceivers	2004	ITU-T	0
3853	Y.1730	Requirements for OAM functions in Ethernet-based networks and Ethernet services - Study Group 13	2004	ITU-T	0
3854	P.563	Single-ended method for objective speech quality assessment in narrow-band telephony applications SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS Objective measuring apparatus - Study Group 12	2004	ITU-T	0
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3859	Y.1706.1	ASON routing architecture and requirements for link state protocols SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Operation, administration and maintenance - Study Group 15; A	2004	ITU-T	0
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3861	M.3050 SUPP 3	Enhanced Telecom Operations Map (eTOM) Supplement 3: eTOM to M.3400 mapping SERIES M: TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS Telecommunications management network - St	2004	ITU-T	0
3862	I.371	Traffic control and congestion control in B-ISDN - Study Group 13	2004	ITU-T	0
3863	Q.811	Lower layer protocol profiles for the Q and X interfaces SERIES Q: SWITCHING AND SIGNALLING Q3 interface - Study Group 4	2004	ITU-T	0
3864	E.218	Management of the allocation of terrestrial trunk radio Mobile Country Codes SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International operation Maritime mobile service and public land mobile service - Study	2004	ITU-T	0
3865	G.7715.1	ASON routing architecture and requirements for link state protocols SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal equipments Operations, administration and maintenance features of transmission equipment - Study Gr	2004	ITU-T	0
3866	H.360	An architecture for end-to-end QoS control and signalling SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Quality of service architecture for audiovisual and multimedia services - Study Group 16	2004	ITU-T	0
3867	J.144	Objective perceptual video quality measurement techniques for digital cable television in the presence of a full reference - Study Group 9	2004	ITU-T	0

3868	L.62	Practical aspects of unbundling services by multiple operators in copper access networks - Study Group 6	2004	ITU-T	0
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3870	G.722.2 NOTE	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-rate Wideband (AMR-WB) - SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS - Digital terminal equipments - Coding of analogue signals by methods other than PCM - Study	2004	ITU-T	0
3871	Q.812	Upper layer protocol profiles for the Q and X interfaces SERIES Q: SWITCHING AND SIGNALLING Q3 interface - Study Group 4	2004	ITU-T	0
3872	M.3350	TMN service management requirements for information interchange across the TMN X-interface to support provisioning of Emergency Telecommunication Service (ETS) - Study Group 4	2004	ITU-T	0
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3875	E.121 NOTE	Pictograms, symbols and icons to assist users of the telephone and telefax services - Study Group 2	2004	ITU-T	0
3876	J.124	Multiplexing format for multimedia webcasting over TCP/IP networks SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Interactive systems for digital television distribution	2004	ITU-T	0
3877	G.769	Circuit Multiplication Equipment Optimized for IP-Based Networks Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Principal Characteristics of Transcoder and Digital Multiplication Equipment - Study Group	2004	ITU-T	0
3878	X.670	Use of registration agents to register names subordinate to country names in the X.660 RH-name-tree SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI networking and system aspects Naming, Addressing and Registration - Study Group 17	2004	ITU-T	0
3879	L.60	Construction of Optical/Metallic Hybrid Cables Series L: Construction, Installation and Protection of Cables and Other Elements of Outside Plant - Study Group 6	2004	ITU-T	0
3880	Y.1305 CORR 1	Link capacity adjustment scheme (LCAS) for virtual concatenated signals	2004	ITU-T	0
3881	Q.827.1	Requirements and analysis for the common management functions of NMS-EMS interfaces - Study Group 4	2004	ITU-T	0
3882	SERIES Q SUPP 48	Guideline document for specifying API/object interface between network control and application layer SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2004	ITU-T	0
3883	X.151 NOTE	Frame Relay operations and maintenance Principles and functions - Study Group 17	2004	ITU-T	0
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3885	E.168 AMD 1	Application of E.164 numbering plan for UPT Amendment 1: New Appendix I SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International operation Numbering plan of the international telephone service - Study Group	2004	ITU-T	0
3886	Q.1703	Service and network capabilities framework of network aspects for systems beyond IMT-2000	2004	ITU-T	0
3887	Y.1321 AMD 1	IP over SDH using LAPS Amendment 1: Bit-oriented method for LAPS SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport - Study Group 17; Also Listed as X.85 AMD 1	2004	ITU-T	0
3888	P.880	Continuous evaluation of time varying speech quality quality - Study Group 12	2004	ITU-T	0
3889	SERIES Q SUPP 51	Signalling Requirements for IP-QoS Series Q: Switching and Signalling - Study Group 11	2004	ITU-T	0
3890	X.147 AMD 1	Frame relay network availability Amendment 1: Specification of availability objective values SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2004	ITU-T	0

3891	G.8012	Ethernet UNI and Ethernet NNI SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks General aspects	2004	ITU-T	0
3892	Y.1306	Architecture of Ethernet layer networks SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport - Also Listed as G.8010	2004	ITU-T	0
3893	P.1010	Fundamental Voice Transmission Objectives for VoIP Terminals and Gateways SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS Transmission Performance and QoS Aspects of IP End-Points	2004	ITU-T	0
3894	Y.1712	OAM functionality for ATM-MPLS interworking	2004	ITU-T	0
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3896	T.88 NOTE	Information technology Lossy/lossless coding of bi-level images, Encoder	2004	ITU-T	0
3897	G.832 AMD 1	Amendment 1: Payload Type code for virtual concatenation of 34 368 kbit/s signals SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks Network capabilities and functions - Study Group 15	2004	ITU-T	0
3898	Y.1313	Layer 1 Virtual Private Network service and network architectures SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport - Study Group 13	2004	ITU-T	0
3899	J.127	Transmission protocol for multimedia webcasting over TCP/IP networks SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Interactive systems for digital television distribution - Study Group 9	2004	ITU-T	0
3900	D.116	Charging and Accounting Principles Relating to the Home Country Direct Telephone Service - Series D: General Tariff Principles General Tariff Principles - Charging and Accounting in the International Telephone Service - Study Group 3	2004	ITU-T	0
3901	H.248.31	Gateway Control Protocol: Adaptive Jitter Buffer Package SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Communication procedures - Study Group 16	2004	ITU-T	0
3902	G.820	Relationships among ISDN, IP-based network and physical layer performance Recommendations - Also Listed as I.351 and Y.1051	2004	ITU-T	0
3903	X.671	Procedures for a registration authority operating on behalf of countries to register organization names subordinate to country names in the X.660 RH-name-tree SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI networking and system aspects Naming,	2004	ITU-T	0
3904	E.121	Pictograms, symbols and icons to assist users of the telephone and telefax services SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International operation General provisions concerning users - Study Group 2	2004	ITU-T	0
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3906	Q.837.1	SDH-DLC functional requirements for the network and network element views SERIES Q: SWITCHING AND SIGNALLING Q3 interface - Study Group 4	2004	ITU-T	0
3907	Y.140.1	Guideline for attributes and requirements for interconnection between public telecommunication network operators and service providers involved in provision of telecommunication services SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPEC	2004	ITU-T	0
3908	Y.1310	Transport of IP over ATM in public networks SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport - Study Group 13	2004	ITU-T	0
3909	Y.1713	Misbranching detection for MPLS networks - Study Group 13	2004	ITU-T	0
3910	X.602	Information technology Group management protocol SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI networking and system aspects Networking - Study Group 17	2004	ITU-T	0
3911	Q.838.1	Requirements and analysis for the management interface of Ethernet Passive Optical Networks (EPON) SERIES Q: SWITCHING AND SIGNALLING Q3 interface - Study Group 4	2004	ITU-T	0

3912	X.665	Information technology Open Systems Interconnection Procedures for the operation of OSI Registration Authorities: Registration of application processes and application entities SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI networking and syst	2004	ITU-T	0
3913	L.54	Splice closure for maritized terrestrial cables (MTC) - Study Group 6	2004	ITU-T	0
3914	Y.1307.1	Ethernet private line service SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT-GENERATION NETWORKS Internet protocol aspects Transport - Study Group 15; Also Listed as G.8011.1	2004	ITU-T	0
3915	J.191	IP feature package to enhance cable modems	2004	ITU-T	0
3916	E.409	Incident organization and security incident handling: Guidelines for telecommunication organizations - Study Group 2	2004	ITU-T	0
3917	D.115	Tariff principles and accounting for the International Freephone Service (IFS) SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles Charging and accounting in the international telephone service - Study Group 3	2004	ITU-T	0
3918	SERIES Q SUPP 50	Technical Report TRQ.2145: Requirements for a Narrow-band Signalling Syntax (NSS) SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2004	ITU-T	0
3919	H.248.21	Gateway control protocol: Semi-permanent connection handling package SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Communication procedures - Study Group 16	2004	ITU-T	0
3920	Q.1742.3	IMT-2000 references (approved as of 30 June 2003) to ANSI-41 evolved core network with cdma2000 access network SERIES Q: SWITCHING AND SIGNALLING Signalling requirements and protocols for IMT-2000 - Study Group SSG	2004	ITU-T	0
3921	Q.1902.2 AMD 2	Bearer Independent Call Control protocol (Capability Set 2) and Signalling System No. 7 ISDN user part: General functions of messages and parameters Amendment 2 SERIES Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent	2004	ITU-T	0
3922	Y.2011	General principles and general reference model for next generation networks SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Next Generation Networks Frameworks and functional architecture models - Study	2004	ITU-T	0
3923	K.63	Maintaining the suitability of production telecommunications equipment to its intended electromagnetic environment SERIES K: PROTECTION AGAINST INTERFERENCE - Study Group 5	2004	ITU-T	0
3924	I.351	Relationships Among ISDN, IP-based network, and physical layer performance recommendations Series I: Integrated Services Digital Network - Overall Network Aspects and Functions - Performance Objectives - Also Listed as G.820 and Y.1501	2004	ITU-T	0
3925	X.84	Support of frame relay services over MPLS core networks SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Transmission, signalling and switching	2004	ITU-T	0
3926	H.320	Narrow-band visual telephone systems and terminal equipment SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Systems and terminal equipment for audiovisual services - Study Group 16	2004	ITU-T	0
3927	Y.1305	Link capacity adjustment scheme (LCAS) for virtual concatenated signals - Study Group 15; Also listed as G.7042; Covering Note: 05/2005; Incorporates corrigendum 1: 08/2004	2004	ITU-T	0
3928	H.460.11	Delayed Call Establishment within H.323 Systems SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Supplementary services for multimedia - Study Group 16	2004	ITU-T	0
3929	X.603	Information technology Relayed multicast protocol: Framework - Study Group 17	2004	ITU-T	0
3930	Y.1343	Virtual concatenation of Plesiochronous Digital Hierarchy (PDH) signals SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport - Study Group 15; Also Listed as G.7043	2004	ITU-T	0
3931	H.460.13	Called user release control within H.323 systems SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Supplementary services for multimedia - Study Group 16	2004	ITU-T	0
3932	K.54	Conducted immunity test method and level at fundamental power frequencies SERIES K: PROTECTION AGAINST INTERFERENCE - Study Group 5	2004	ITU-T	0
3933	Y.1261 NOTE	Service requirements and architecture for voice services over Multi-Protocol Label Switching	2004	ITU-T	0
3934	E.408	Telecommunication networks security requirements - Study Group 2	2004	ITU-T	0

3935	Y.1242	Circuit multiplication equipment optimized for IP-based networks SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Architecture, access, network capabilities and resource managemen	2004	ITU-T	0
3936	Q.1742.2 NOTE	IMT-2000 references (approved as of 11 July 2002) to ANSI-41 evolved core network with cdma2000 access network	2004	ITU-T	0
3937	X.7	Technical Characteristics of Data Transmission Services Series X: Data Networks and Open System Communications Public Data Networks - Services and Facilities - Study Group 17	2004	ITU-T	0
3938	SERIES T SUPP 1	Conformance testing requirements for Recommendations of the T.170-series SERIES T: TERMINALS FOR TELEMATIC SERVICES - Study Group 16	2004	ITU-T	0
3939	D.140 SUPP 3	Accounting rate principles for the international telephone service; SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles Charging and accounting in the international telephone service; Supplement 3: Updated teledensities and indicative target set	2004	ITU-T	0
3940	G.804	ATM cell mapping into plesiochronous digital hierarchy (PDH) SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks General aspects - Study Group 15	2004	ITU-T	0
3941	Q.1761	Principles and requirements for convergence of fixed and existing IMT-2000 systems - Study Group SSG	2004	ITU-T	0
3942	J.193	Requirements for the next generation of set-top-boxes - Study Group 9	2004	ITU-T	0
3943	F.600	Service and operational principles for public data transmission service SERIES F: NON-TELEPHONE TELECOMMUNICATION SERVICES Data transmission services - Study Group 17	2004	ITU-T	0
3944	J.98	Metadata requirements for video-on-demand in cable networks SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Ancillary digital services for television transmission - Study Group 9	2003	ITU-T	0
3945	G.108 AMD 1	Application of the E-model: A planning guide Amendment 1: New Appendix I: The relationship between and interaction of talker echo and absolute delay SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS International telephone connections	2003	ITU-T	0
3946	SERIES Q SUPP 43	Technical Report TRQ.2415: Transport control signalling requirements Signalling requirements for IP connection control in radio access networks Capability Set 1 SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2003	ITU-T	0
3947	F.515	Unified Directory Specification SERIES F: NON-TELEPHONE TELECOMMUNICATION SERVICES Directory services - Study Group 17	2003	ITU-T	0
3948	SERIES Q SUPP 47	Emergency services for IMT-2000 networks Requirements for harmonization and convergence SERIES Q: SWITCHING AND SIGNALLING SIGNALLING REQUIREMENTS AND PROTOCOLS FOR IMT-2000 - Special Study Group (SSG)	2003	ITU-T	0
3949	L.53	Optical fibre maintenance criteria for access networks - Study Group 6	2003	ITU-T	0
3950	Y.1412	ATM-MPLS network interworking Frame mode user plane interworking SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Interworking - Study Group 13	2003	ITU-T	0
3951	G.809	Functional architecture of connectionless layer networks SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks General aspects - Study Group 13	2003	ITU-T	0
3952	Z.121	Specification and Description Language (SDL) data binding to Message Sequence Charts (MSC) SERIES Z: LANGUAGES AND GENERAL SOFTWARE ASPECTS FOR TELECOMMUNICATION SYSTEMS Formal description techniques (FDT) Message Sequence Chart (MSC) - Study Group 17	2003	ITU-T	0
3953	P.840	Subjective listening test method for evaluating circuit multiplication equipment SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS Methods for objective and subjective assessment of quality - Study Group 12	2003	ITU-T	0
3954	I.378 AMD 1	Traffic control and congestion control at the ATM Adaptation Layer type 2 Amendment 1: New Appendix IV: Deriving AAL 2 traffic parameters from AAL 2 link characteristics SERIES I: INTEGRATED SERVICES DIGITAL NETWORK Overall network aspects and functions G	2003	ITU-T	0
3955	L.55	Digital database for marine cables and pipelines - Study Group 6	2003	ITU-T	0
3956	G.991.2	Single-pair high-speed digital subscriber line (SHDSL) transceivers - Study Group 15	2003	ITU-T	0

3957	L.13	Performance requirements for passive optical nodes: Sealed closures for outdoor environments SERIES L: CONSTRUCTION, INSTALLATION AND PROTECTION OF CABLES AND OTHER ELEMENTS OF OUTSIDE PLANT - Study Group 6	2003	ITU-T	0
3958	L.57	Air-assisted installation of optical fibre cables - Study Group 6	2003	ITU-T	0
3959	G.996.1 NOTE	Test procedures for digital subscriber line (DSL) transceivers	2003	ITU-T	0
3960	H.248.24	Gateway control protocol: Multi-frequency tone generation and detection packages SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Communication procedures	2003	ITU-T	0
3961	M.3017	Framework for the integrated management of hybrid circuit/packet networks SERIES M: TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS Telecommunications management network - Stud	2003	ITU-T	0
3962	G.992.2 AMD 1	Splitterless asymmetric digital subscriber line (ADSL) transceivers Amendment 1: Revised Annex C SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and digital line system Access networks - Study Group 15	2003	ITU-T	0
3963	Q.822 AMD 1	Stage 1, stage 2 and stage 3 description for the Q3 interface Performance management Amendment 1: Generic transport performance management SERIES Q: SWITCHING AND SIGNALLING Q3 interface - Amendment 1; Study Group 4	2003	ITU-T	0
3964	X.36	Interface between Data Terminal Equipment (DTE) and Data Circuit-terminating Equipment (DCE) for public data networks providing frame relay data transmission service by dedicated circuit SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data n	2003	ITU-T	0
3965	X.145	Connection establishment and disengagement performance parameters for public Frame Relay data networks providing SVC services SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
3966	Y.1312	Layer 1 Virtual Private Network generic requirements and architecture elements SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Transport	2003	ITU-T	0
3967	Q.933	ISDN Digital Subscriber Signalling System No. 1 (DSS1) Signalling specifications for frame mode switched and permanent virtual connection control and status monitoring SERIES Q: SWITCHING AND SIGNALLING Digital subscriber Signalling System No. 1 Network 1	2003	ITU-T	0
3968	T.42	Continuous-tone colour representation method for facsimile SERIES T: TERMINALS FOR TELEMATIC SERVICES - Study Group 16	2003	ITU-T	0
3969	V.251 NOTE	Procedure for DTE-controlled call negotiation - Study Group 16	2003	ITU-T	0
3970	J.189 CORR 1	Seamless splicing for MPEG-2 bit streams SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Miscellaneous - Study Group 9	2003	ITU-T	0
3971	Y.1704.1	Distributed call and connection management (DCM) based on PNNI SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects Operation, administration and maintenance - Study Group 15; Also Listed as G.7713.1	2003	ITU-T	0
3972	D.140 SUPP 2	Accounting rate principles for the international telephone service; SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles Charging and accounting in the international telephone service; Supplement 2: Updated teledensities and indicative target set	2003	ITU-T	0
3973	X.151	Frame Relay operations and maintenance Principles and functions SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Maintenance - Study Group 17; Covering Note: March 29, 2004	2003	ITU-T	0
3974	Q.1742.2	IMT-2000 references (approved as of 11 July 2002) to ANSI-41 evolved core network with cdma2000 access network - Study Group SSG	2003	ITU-T	0
3975	P.835	Subjective test methodology for evaluating speech communication systems that include noise suppression algorithm SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS Methods for objective and subjective assessment of qual	2003	ITU-T	0
3976	T.88 AMD 1	Information technology Lossy/lossless coding of bi-level images Amendment 1: Encoder - Study Group 16	2003	ITU-T	0
3977	Y.1704.2	Distributed Call and Connection Management: Signalling mechanism using GMPLS RSVP-TE SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects Operation, administration and maintenance - Also Listed on G.7713.2	2003	ITU-T	0

3978	M.3120 AMD 2	CORBA generic network and network element level information model Amendment 2 SERIES M: TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS Telecommunications management network -	2003	ITU-T	0
3979	X.744.1	CORBA-based TMN software management service SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI management Management functions and ODMA functions - Study Group 4	2003	ITU-T	0
3980	I.358	Call processing performance for switched virtual channel connections (VCCs) in a B-ISDN - Study Group 13	2003	ITU-T	0
3981	D.140 AMD 2	Accounting Rate Principles for the International Telephone Service Amendment 2: Revision to Annex E: Series D: General Tariff Principles General Tariff Principles - Charging and Accounting in the International Telephone Service - Study Group 3	2003	ITU-T	0
3982	V.92 CORR 1	Enhancements to Recommendation V.90 Corrigendum 1 SERIES V: DATA COMMUNICATION OVER THE TELEPHONE NETWORK Simultaneous transmission of data and other signals - Study Group 16	2003	ITU-T	0
3983	G.131	Talker echo and its control - Study Group 12	2003	ITU-T	0
3984	X.144	User information transfer performance parameters for public frame relay data networks SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
3985	Y.1281	Mobile IP services over MPLS SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects architecture, access, network capabilities and resource management - Study Group 13	2003	ITU-T	0
3986	T.4	Standardization of Group 3 facsimile terminals for document transmission SERIES T: TERMINALS FOR TELEMATIC SERVICES - Study Group 16	2003	ITU-T	0
3987	X.148	Procedures for the measurement of the performance of public data networks providing the international frame relay service SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
3988	G.101	The transmission plan - Study Group 12	2003	ITU-T	0
3989	L.42	Extending optical fibre solutions into the access network - Study Group 6	2003	ITU-T	0
3990	P.330	Speech processing devices for acoustic enhancement SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS Subscribers lines and sets - Study Group 12; Covering Note Amendment 1: 9/2003	2003	ITU-T	0
3991	X.42	Procedures and methods for accessing a public data network from a DTE operating under control of a generalized polling protocol SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Interfaces - Study Group 17	2003	ITU-T	0
3992	P.862.1	Mapping function for transforming P.862 raw result scores to MOS-LQO - Study Group 12	2003	ITU-T	0
3993	H.610	Full service VDSL System architecture and customer premises equipment SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Broadband and triple-play multimedia services Broadband multimedia services over VDSL - Study Group 16	2003	ITU-T	0
3994	V.150.1	Modem-over-IP networks: Procedures for the end-to-end connection of V-series DCEs - Study Group 16	2003	ITU-T	0
3995	E.490.1	Overview of Recommendations on traffic engineering SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS Traffic engineering Measurement and recording of traffic	2003	ITU-T	0
3996	G.983.4 AMD 1	A broadband optical access system with increased service capability using dynamic bandwidth assignment Amendment 1: New Annex A Performance monitoring parameters SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and d	2003	ITU-T	0
3997	G.7713.2	Distributed Call and Connection Management: Signalling mechanism using GMPLS RSVP-TE SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal equipments Operations, administration and maintenance features of transmission equ	2003	ITU-T	0
3998	G.7713.1	Distributed call and connection management (DCM) based on PNNI SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal equipments Operations, administration and maintenance features of transmission equipment - Study Group 1	2003	ITU-T	0
3999	X.805	Security architecture for systems providing end-to-end communications SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Security - Study Group 17	2003	ITU-T	0
4000	L.48	Mini-trench installation technique	2003	ITU-T	0

4001	F.510	Automated directory assistance White pages service definition SERIES F: NON-TELEPHONE TELECOMMUNICATION SERVICES Directory services - Study Group 7	2003	ITU-T	0
4002	G.722.2	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) - Study Group 16	2003	ITU-T	0
4003	G.996.1 AMD 1	Test procedures for digital subscriber line (DSL) transceivers Amendment 1: New Annex B SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and digital line system Access networks - Study Group 15	2003	ITU-T	0
4004	SERIES Q SUPP 42	Technical Report TRQ.2402: Transport control signalling requirements Signalling requirements for AAL type 2 link control Capability Set 3 SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2003	ITU-T	0
4005	L.52	Deployment of Passive Optical Networks (PON)	2003	ITU-T	0
4006	SERIES Q SUPP 46	Technical report TRQ.2830: ATM-MPLS network interworking signalling requirements SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2003	ITU-T	0
4007	E.138 NOTE	Human factors aspects of public telephones to improve their usability for older people - Study Group 2	2003	ITU-T	0
4008	Q.2920	Broadband integrated services digital network (B-ISDN) Digital Subscriber Signalling System No. 2 (DSS 2): Call/connection control for the support of ATM-MPLS network interworking SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN B-ISDN application protoc	2003	ITU-T	0
4009	X.76	Network-to-network interface between public networks providing PVC and/or SVC frame relay data transmission service SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Transmission, signalling and switching - Study Group 17	2003	ITU-T	0
4010	Q.2631.1	IP connection control signalling protocol Capability Set 1 SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Common aspects of B-ISDN application protocols for access signalling and network signalling and interworking - Study Group 11	2003	ITU-T	0
4011	Q.115.0 NOTE	Protocols for the control of signal processing network elements and functions SERIES Q: SWITCHING AND SIGNALLING Clauses applicable to ITU-T standard systems Logic and protocols for the control of signal processing network elements and functions - Study G	2003	ITU-T	0
4012	Q.2632.1	Interworking between AAL Type 2 Signalling Protocol Capability Set 2 and IP Connection Control Signalling Protocol Capability Set 1 SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Common aspects of B-ISDN application protocols for access signalling and	2003	ITU-T	0
4013	X.142	Quality of service metrics for characterizing Frame Relay/ATM service interworking performance SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
4014	V.250	Serial asynchronous automatic dialling and control SERIES V: DATA COMMUNICATION OVER THE TELEPHONE NETWORK Control procedures - Study Group 16	2003	ITU-T	0
4015	P.380	Electro-acoustic measurements on headsets - Study Group 12	2003	ITU-T	0
4016	V.42 CORR 1	Error-correcting procedures for DCEs using asynchronous-to-synchronous conversion SERIES V: DATA COMMUNICATION OVER THE TELEPHONE NETWORK Error control - Study Group 16	2003	ITU-T	0
4017	L.49	Micro-trench installation technique - Study Group 6	2003	ITU-T	0
4018	Q.822.1 AMD 1	COBRA-Based TMN performance management service Amendment 1: Generic transport performance management Series Q: SWITCHING AND SIGNALLING Q3 interface - Amendment 1; Study Group 4	2003	ITU-T	0
4019	G.694.2	Spectral grids for WDM applications: CWDM wavelength grid Series G: Transmission Systems and Media, Digital Systems and Networks Transmission media characteristics - Characteristics of optical components and subsystems - Study Group 15	2003	ITU-T	0
4020	L.56	Installation of optical fibre cables along railways	2003	ITU-T	0
4021	M.3341	Requirements for QoS/SLA management over the TMN X-interface for IP-based services - Study Group 4	2003	ITU-T	0
4022	K.34	Classification of electromagnetic environmental conditions for telecommunication equipment Basic EMC Recommendation SERIES K: PROTECTION AGAINST INTERFERENCE - Study Group 5	2003	ITU-T	0
4023	J.187 CORR 1	Transport mechanism for component-coded digital high-definition television signals using MPEG-2 video coding including all service elements for contribution and primary distribution Corrigendum 1 SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SO	2003	ITU-T	0

4024	G.726 ANX B	40, 32, 24, 16 kbit/s Adaptive Differential Pulse Code Modulation (ADPCM) Annex B. Packet format, capability identifier and capability parameters for H.245 signalling SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal	2003	ITU-T	0
4025	Y.1411	ATM-MPLS network interworking Cell mode user plane interworking SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects Interworking - Study Group 13	2003	ITU-T	0
4026	SERIES H SUPP 3	Operator requirements for full-service VDSL in ITU-T Recommendations H.610 and H.611 SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS - Study Group 16	2003	ITU-T	0
4027	SERIES Q SUPP 45	Technical Report TRQ.2815: Requirements for interworking BICC/ISUP network with originating/destination networks based on Session Initiation Protocol and Session Description Protocol SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2003	ITU-T	0
4028	X.149	Performance of IP networks when supported by public Frame Relay data networks SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
4029	X.87	Multiple services ring based on RPR - Study Group 17	2003	ITU-T	0
4030	Q.931 NOTE	ISDN user-network interface layer 3 specification for basic call control - Study Group 11	2003	ITU-T	0
4031	G.985	100 Mbit/s point-to-point Ethernet based optical access system SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and digital line system Optical line systems for local and access networks - Study Group 15	2003	ITU-T	0
4032	I.326	Functional architecture of transport networks based on ATM SERIES I: INTEGRATED SERVICES DIGITAL NETWORK Overall network aspects and functions Reference models - Study Group 15	2003	ITU-T	0
4033	G.984.2	Gigabit-capable Passive Optical Networks (GPON): Physical Media Dependent (PMD) layer specification SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and digital line system Optical line systems for local and access n	2003	ITU-T	0
4034	H.530 CORR 1	Symmetric security procedures for H.323 mobility in H.510 Corrigendum 1 - Study Group 16	2003	ITU-T	0
4035	P.330 NOTE	Speech processing devices for acoustic enhancement - Study Group 12	2003	ITU-T	0
4036	Y.1704.3	Distributed Call and Connection Management: Signalling Mechanism using GMPLS CR-LDP SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects Operation, administration and maintenance - Study Group 15: Also Listed	2003	ITU-T	0
4037	M.2101	Performance limits for bringing-into-service and maintenance of international multi-operator SDH paths and multiplex sections - Study Group 4	2003	ITU-T	0
4038	Q.834.4	A CORBA interface specification for Broadband Passive Optical Networks based on UML interface requirements - Study Group 4	2003	ITU-T	0
4039	X.147	Frame Relay network availability SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
4040	G.992.2 AMD 2	Splitterless asymmetric digital subscriber line (ADSL) transceivers Amendment 2: New Appendix IV Example overlapped PSD masks for use in a TCM-ISDN crosstalk environment SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sectio	2003	ITU-T	0
4041	G.722.2 ANNEX D	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex D: Digital test sequences SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal equipments Coding of analogue signals by meth	2003	ITU-T	0
4042	M.3010 AMD 1	Principles for a telecommunications management network Amendment 1: TMN conformance and TMN compliance - Amendment 1	2003	ITU-T	0
4043	G.813	Timing characteristics of SDH equipment slave clocks (SEC) SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks Design objectives for digital networks - Study Group 15	2003	ITU-T	0
4044	SERIES Q SUPP 44	Technical Report TRQ.2800: Transport control signalling requirements Signalling requirements for AAL type 2 to IP interworking Capability Set 1 SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2003	ITU-T	0
4045	D.140 AMD 3	Accounting Rate Principles for the International Telephone Service Amendment 3: Revised Annex A Guidelines for the cost elements to be taken into account when determining accounting rates and accounting rate shares for the international telephone service	2003	ITU-T	0

4046	Q.2111 AMD 3	B-ISDN ATM adaptation layer Service specific connection oriented protocol in a multilink and connectionless environment (SSCOPMCE) Amendment 3: API for SSCOPMCE over Ethernet and UDP port number SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Signalling	2003	ITU-T	0
4047	T.88 AMD 2	Information technology Lossy/lossless coding of bi-level images Amendment 2: Extension of adaptive templates for halftone coding SERIES T: TERMINALS FOR TELEMATIC SERVICES	2003	ITU-T	0
4048	G.827	Availability performance parameters and objectives for end-to-end international constant bit-rate digital paths SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks Quality and availability targets - Study Group 13	2003	ITU-T	0
4049	E.361	QoS routing support for interworking of QoS service classes across routing technologies - Study Group 2	2003	ITU-T	0
4050	X.606.1	Information technology Enhanced Communications Transport Protocol: Specification of QoS management for simplex multicast transport - Study Group 17	2003	ITU-T	0
4051	Q.1741.3	IMT-2000 references to release 5 of GSM evolved UMTS core network SERIES Q: SWITCHING AND SIGNALLING Signalling requirements and protocols for IMT-2000 - Study Group SSG	2003	ITU-T	0
4052	L.51	Passive node elements for fibre optic networks General principles and definitions for characterization and performance evaluation - Study Group 6	2003	ITU-T	0
4053	G.992.1 AMD 1	Asymmetric digital subscriber line (ADSL) transceivers Amendment 1: Revised Annex C, new Annex I and new Appendix V SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital sections and digital line system Access networks - Study Gro	2003	ITU-T	0
4054	E.106	International Emergency Preference Scheme (IEPS) for disaster relief operations SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International operation General provisions concerning Administrations - Study Group	2003	ITU-T	0
4055	M.2100	Performance limits for bringing-into-service and maintenance of international multi-operator PDH paths and connections SERIES M: TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS	2003	ITU-T	0
4056	E.418	Framework for network management of IMT-2000 networks SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS Network management International network management - Study Group 2	2003	ITU-T	0
4057	G.114	One-way transmission time - Study Group 12	2003	ITU-T	0
4058	H.611	Full-Service VDSL Operations, Administration Maintenance & Provision aspects SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Broadband and triple-play multimedia services Broadband multimedia services over VDSL - Study Group 16	2003	ITU-T	0
4059	M.2401	Error performance limits and procedures for bringing-into-service and maintenance of multi-operator international paths and sections within an optical transport network - Study Group 4	2003	ITU-T	0
4060	O.201	Q-factor test equipment to estimate the transmission performance of optical channels SERIES O: SPECIFICATIONS OF MEASURING EQUIPMENT Equipment for the measurement of optical channel parameters - Study Group 4	2003	ITU-T	0
4061	X.111	Principles for the routing of international frame relay traffic SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Network aspects - Study Group 17	2003	ITU-T	0
4062	G.7713.3	Distributed Call and Connection Management: Signalling Mechanism using GMPLS CR-LDP SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital terminal equipments Operations, administration and maintenance features of transmission equi	2003	ITU-T	0
4063	P.851	Subjective quality evaluation of telephone services based on spoken dialogue systems SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS Methods for objective and subjective assessment of quality - Study Group 12	2003	ITU-T	0
4064	H.248.27	Gateway control protocol: Supplemental tones packages SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Communication procedures - Study Group 16	2003	ITU-T	0
4065	V.150.0	Modem-Over-IP Networks: Foundation Series V: Data Communication Over the Telephone Network Interworking with other Networks - Study Group 16	2003	ITU-T	0
4066	Y.1560	Parameters for TCP connection performance in the presence of middleboxes SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT GENERATION NETWORKS Internet protocol aspects Quality of service and network performance - Study Group	2003	ITU-T	0

4067	Q.2630.3	AAL type 2 signalling protocol Capability Set 3 SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Common aspects of B-ISDN application protocols for access signalling and network signalling and interworking - Study Group 11	2003	ITU-T	0
4068	D.201	General principles regarding call-back practices SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles Settlement of international telecommunication balances of accounts - Study Group 3	2002	ITU-T	0
4069	Q.762 AMD 1	Signalling System No. 7 ISDN User Part general functions of messages and signals Amendment 1: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 ISDN user part - Study Gro	2002	ITU-T	0
4070	Q.1742.1	IMT-2000 references to ANSI-41 evolved core network with cdma2000 access network SERIES Q: SWITCHING AND SIGNALLING Signalling requirements and protocols for IMT-2000 - Study Group SSG	2002	ITU-T	0
4071	Q.767 AMD 1	Application of the ISDN User Part of CCITT Signalling System No. 7 for international ISDN interconnections Amendment 1: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7	2002	ITU-T	0
4072	E.360.2	QoS routing and related traffic engineering methods Call routing and connection routing methods SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International routing plan - Study Group 2	2002	ITU-T	0
4073	Q.2764 AMD 1	Signalling System No. 7 B-ISDN User Part (B-ISUP) Basic call procedures Amendment 1: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Braodband ISDN - B-ISDN application protocol for the network signalling - Stu	2002	ITU-T	0
4074	J.121	Quality Control Protocol for Webcasting Series J: Cable Networks and Transmission of Television, Sound Programme and Other Multimedia Signals Interactive Systems for Digital Television Distribution - Study Group 9	2002	ITU-T	0
4075	I.366.2 CORR 1	AAL Type 2 Service Specific Convergence Sublayer for Narrow-Band Services Series I: Integrated Services Digital Network Overall Network Aspects and Functions - Protocol Layer Requirements - Study Group 13	2002	ITU-T	0
4076	I.112 APPENDIX 1	Vocabulary of Terms for ISDNs Appendix 1: General telecommunication terminology and definitions Series I: Integrated Services Digital Network General Structure - Terminology - Study Group 13	2002	ITU-T	0
4077	Q.761 AMD 2	Signalling System No. 7 ISDN User Part functional description Amendment 2: Support for the International Emergency Preference Scheme - Study Group 11	2002	ITU-T	0
4078	SERIES Q SUPP 40	Technical Report: Reference document on API/object interface between network control and application layer SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2002	ITU-T	0
4079	G.7715	Architecture and requirements for routing in the automatically switched optical networks Series G: Transmission Systems and Media, Digital Systems and Networks Digital terminal equipments - Operations, administration and maintenance features of transmissi	2002	ITU-T	0
4080	H.248.12 AMD 1	Gateway Control Protocol: H.248.1 Packages for H.323 and H.324 Interworking Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedures Amendment 1: New Annex A: Extended H.324, H.245 command and H.245 in	2002	ITU-T	0
4081	G.722.2 ANNEX B	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex B: Source Controlled Rate Operation Series G: Transmission Systems and Media, Digital Systems and Networks Digital terminal equipments - Coding of analogue sig	2002	ITU-T	0
4082	Y.1706	Architecture and requirements for routing in the automatically switched optical networks Series Y: Global Information Infrastructure and Internet Protocol Aspects Internet protocol aspects - Operation, administration and maintenance - Study Group 15; G.77	2002	ITU-T	0
4083	Y.1710	Requirements for Operation & Maintenance functionally for MPLS networks - Study Group 13	2002	ITU-T	0
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4085	D.603R	Minimizing collection charges on inter-African calls SERIES D: GENERAL TARIFF PRINCIPLES Recommendations for regional application Recommendations applicable to the African Region - Study Group 3	2002	ITU-T	0
4086	M.2110	Bringing-Into-Service of International PDH Paths, Sections and Transmission Systems Series M: TMN and Network Maintenance: International Transmission Systems, Telephone Circuits, Telegraphy, Facsimile and Leased Circuits International Transport Network -	2002	ITU-T	0
4087	Q.715	Signalling connection control part user guide - Study Group 11	2002	ITU-T	0

4088	Q.816 AMD 2	SERIES Q: SWITCHING AND SIGNALLING Q3 interface CORBA- based TMN services Amendment 2: User guide for local name resolution - Study Group 4	2002	ITU-T	0
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4091	Q.50.2	Signalling between International Switching Centres (ISC) and Digital Circuit Multiplication Equipment (DCME) including the control of compression/decompression over an IP network SERIES Q: SWITCHING AND SIGNALLING International automatic and semi-automati	2002	ITU-T	0
4092	H.234	Encryption Key Management and Authentication System for Audiovisual Services Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Systems Aspects - Study Group 16	2002	ITU-T	0
4093	E.138	Human factors aspects of public telephones to improve their usability for older people Series E: Overall Network Operation, Telephone Service, Service Operation and human Factors International operation - General provisions concerning users - Study Group	2002	ITU-T	0
4094	X.780.1 AMD 1	TMN Guidelines for Defining Coarse-Grained CORBA Managed Objects Interfaces Amendment 1: System Facades and User Guide for Bulk Attribute Retrieval Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Funct	2002	ITU-T	0
4095	Q.551	Transmission Characteristics of Digital Exchanges - Study Group 15	2002	ITU-T	0
4096	T.37 AMD 3	Procedures for the Transfer of Facsimile Data Via Store-and-Forward on the Internet Amendment 3 Series T: Terminals for Telematic Services - Study Group 16	2002	ITU-T	0
4097	L.28	External Additional Protection for Marinized Terrestrial Cables - Study Group 6	2002	ITU-T	0
4098	Q.2763 AMD 1	Signalling System No. 7 B-ISDN User Part (B-ISUP) Formats and codes Amendment 1: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN B-ISDN application protocols for the network signalling - Study Gr	2002	ITU-T	0
4099	Y.1251	General architectural model for interworking SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects Architecture, access, network capabilities and resource management	2002	ITU-T	0
4100	Q.2111 AMD 2	SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN signalling ATM adaptation layer (SAAL) B-ISDN ATM adaptation layer Service specific connection oriented protocol in a multilink and connectionless environment (SSCOPMCE) Amendment 2: API for SSCOPMCE over	2002	ITU-T	0
4101	I.378	Traffic control and congestion control at the ATM Adaptation Layer type 2 SERIES I: INTEGRATED SERVICES DIGITAL NETWORK Overall network aspects and functions General network requirements and functions	2002	ITU-T	0
4102	Q.1930	BICC access network protocol SERIES Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent Call Control (BICC) - Study Group 11	2002	ITU-T	0
4103	SERIES Q SUPP 32	Technical Report TRQ.2141.1: Signalling requirements for the support of narrowband services via broadband transport technologies CS-2 signalling flows SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2002	ITU-T	0
4104	SERIES Q SUPP 41	Technical Report TRQ.2003: Roadmap to the BICC protocol Recommendations, BICC interworking Recommendations, and BICC requirement Supplements - Study Group 11	2002	ITU-T	0
4105	X.86 AMD 1	SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS Public data networks Transmission, signalling and switching Ethernet over LAPS Amendment 1: Using Ethernet flow control as rate limiting Ethernet over LAPS - Study Group 7	2002	ITU-T	0
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4107	Q.1902.1 AMD 1	Bearer Independent Call Control protocol (Capability Set 2): Functional description Amendment 1: Support for the International Emergency Preference Scheme - Study Group 11	2002	ITU-T	0
4108	Q.782	SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 Test specification MTP level 3 test specification - Study Group 11	2002	ITU-T	0
4109	G.841 CORR 1	Types and Characteristics of SDH Network Protection Architectures Series G: Transmission Systems and Media, Digital Systems and Networks Digital networks - SDH network characteristics - Study Group 15; Corrigendum	2002	ITU-T	0

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4111	M.3030	Telecommunications Markup Language (tML) Framework Series M: TMN and Network Maintenance: International Transmission Systems, Telephone Circuits, Telegraphy, Facsimile and Leased Circuits Telecommunications Management Network - Study Group 4	2002	ITU-T	0
4112	Q.763 AMD 2	Signalling System No. 7 ISDN User Part formats and codes Amendment 2: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 ISDN user part - Study Group 11	2002	ITU-T	0
4113	O.181	Equipment to Assess Error Performance on STM-N Interfaces Series O: Specifications of Measuring Equipment Equipment for the Measurement of Digital and Analogue/Digital Parameters - Study Group 4	2002	ITU-T	0
4114	X.960 NOTE	Information Technology - Open Distributed Processing - Type Repository Function	2002	ITU-T	0
4115	D.140	SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles Charging and accounting in the international telephone service Accounting rate principles for the international telephone service - Study Group 3	2002	ITU-T	0
4116	D.140 SUPP 1	SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles Charging and accounting in the international telephone service Accounting rate principles for the international telephone service - Study Group 3; Supplement 1	2002	ITU-T	0
4117	E.169	Application of Recommendation E.164 numbering plan for universal international numbers for international telecommunications services using country codes for global services SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMA	2002	ITU-T	0
4118	J.96	Technical method for ensuring privacy in long-distance international MPEG-2 television transmission conforming to ITU-T Recommendation J.89 Series J: Cable Networks and Transmission of Television, Sound Programme and other Multimedia Signals Ancillary dig	2002	ITU-T	0
4119	G.722.2 ANNEX E	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex E: Frame structure - Study Group 16; Covering Note: 07/29/2003	2002	ITU-T	0
4120	D.190	Exchange of international traffic accounting data between Administrations using electronic data interchange (EDI) techniques - SERIES D: GENERAL TARIFF PRINCIPLES General tariff principles - Transmission of monthly international accounting information - S	2002	ITU-T	0
4121	H.510	SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Mobility and Collaboration procedures Mobility for H-Series multimedia systems and services Mobility for H.323 multimedia systems and services - Study Group 16	2002	ITU-T	0
4122	Y.1311	Network-based VPNs - Generic architecture and service requirements SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects - Transport - Study Group 13	2002	ITU-T	0
4123	J.123	Multiplexing format for webcasting on the TCP/IP network SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Interactive systems for digital Television distribution - Study Group 9	2002	ITU-T	0
4124	X.780.1 CORR 1	TMN Guidelines for Defining Coarse-Grained CORBA Managed Objects Interfaces Corrigendum 1 Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Study Group 4	2002	ITU-T	0
4125	Q.1741.1	IMT-2000 references to release 1999 of GSM evolved UMTS core network with UTRAN access network	2002	ITU-T	0
4126	Q.1901 CORR 1	Bearer Independent Call Control Protocol Corrigendum 1 Series Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent Call Control (BICC) - Study Group 11	2002	ITU-T	0
4127	Q.1902.2 AMD 1	Bearer Independent Call Control protocol (Capability Set 2) and Signalling System No. 7 ISDN User Part: General functions of messages and parameters SERIES Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent Call Control	2002	ITU-T	0
4128	E.191 NOTE	B-ISDN numbering and addressing Corrigendum 1 - Study Group 2	2002	ITU-T	0
4129	E.360.5	QoS routing and related traffic engineering methods Transport routing methods SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International routing plan - Study Group 2	2002	ITU-T	0
4130	Q.1950	Bearer independent call bearer control protocol - Study Group 11	2002	ITU-T	0

4131	E.360.3	QoS routing and related traffic engineering methods QoS resource management methods SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International routing plan - Study Group 2	2002	ITU-T	0
4132	G.722.2 ANNEX F	Wideband Coding of Speech at Around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex F: AMR-WB usage in H.245 Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Coding of Analogue Signals by Met	2002	ITU-T	0
4133	O.151 CORR 1	Error performance measuring equipment operating at the primary rate and above Corrigendum 1 - Study Group 4	2002	ITU-T	0
4134	J.97	Metadata on cable networks - Study Group 9	2002	ITU-T	0
4135	T.803	Information technology JPEG 2000 image coding system: Conformance testing - Study Group 16	2002	ITU-T	0
4136	Q.1741.2	IMT-2000 references to release 4 of GSM evolved UMTS core network with UTRAN access network SERIES Q: SWITCHING AND SIGNALLING Signalling requirements and protocols for IMT-2000 - Study Group SSG	2002	ITU-T	0
4137	O.150 CORR 1	General Requirements for Instrumentation for Performance Measurements on Digital Transmission Equipment Corrigendum 1 - Study Group 4	2002	ITU-T	0
4138	V.92 AMD 2	Enhancements to Recommendation V.90 Amendment 2 Series V: Data Communication over the Telephone Network Simultaneous Transmission of Data and Other Signals - Study Group 16	2002	ITU-T	0
4139	M.3120 AMD 1	CORBA generic network and network element level information model Amendment 1: Protection switching - Study Group 4	2002	ITU-T	0
4140	G.992.2 CORR 1	Splitterless asymmetric digital subscriber line (ADSL) transceivers Corrigendum 1 - Study Group 15	2002	ITU-T	0
4141	Q.764 AMD 2	Signalling System No. 7 ISDN User Part signalling procedures Amendment 2: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 ISDN user part - Study Group 11	2002	ITU-T	0
4142	Q.2150.3	Signalling transport converter on SCTP SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Signalling ATM adaptation layer (SAAL) - Study Group 11	2002	ITU-T	0
4143	H.248.13	Gateway Control Protocol: Quality Alert Ceasing Package Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedures - Study Group 16	2002	ITU-T	0
4144	Q.781	SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 Test specification MTP level 2 test specification - Study Group 11	2002	ITU-T	0
4145	G.992.4	Splitterless Asymmetric digital subscriber line transceivers 2 (splitterless ADSL2) Series G: Transmission systems and media, digital systems and networks Digital sections and digital line system - Access networks - Study Group 15	2002	ITU-T	0
4146	G.722.2 ANNEX A	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Annex A: Comfort noise aspects Series G: Transmission Systems and Media, Digital Systems and Networks Digital terminal equipments - Coding of analogue signals by met	2002	ITU-T	0
4147	G.692 CORR 2	Optical Interfaces for Multichannel Systems with Optical Amplifiers - Corrigendum 2 - SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Transmission media characteristics - Characteristics of optical components and subsystems - Study	2002	ITU-T	0
4148	J.112 ANNEX C	Transmission systems for interactive cable television services Annex C: Data-over-cable service interface specifications: Radio-frequency interface specification using QAM technique SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME	2002	ITU-T	0
4149	H.233	Confidentiality System for Audiovisual Services Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Systems Aspects - Study Group 16	2002	ITU-T	0
4150	K.55	Overvoltage and overcurrent requirements for insulation displacement connectors (IDC) terminations SERIES K: PROTECTION AGAINST INTERFERENCE	2002	ITU-T	0
4151	E.360.1	Framework for QoS routing and related traffic engineering methods for IP-, ATM-, and TDM-based multiservice networks SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International routing plan - Study Group 2	2002	ITU-T	0
4152	M.2120	International multi-operator paths, sections and transmission systems fault detection and localization procedures - Study Group 4	2002	ITU-T	0
4153	G.983.5	A broadband optical access system with enhanced survivability - Study Group 15	2002	ITU-T	0

4154	G.722.2 APPENDIX I	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB) Appendix I: Error concealment of erroneous or lost frames Series G: Transmission Systems and Media, Digital Systems and Networks Digital terminal equipments - Coding	2002	ITU-T	0
4155	L.29	As-Laid Report and Maintenance/Repair Log for Marinized Terrestrial Cable Installation - Study Group 6	2002	ITU-T	0
4156	H.262 NOTE	Content description data - Study Group 16	2002	ITU-T	0
4157	E.360.6	QoS routing and related traffic engineering methods Capacity management methods - Study Group 2	2002	ITU-T	0
4158	H.501	SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Mobility and Collaboration procedures Overview of Mobility and Collaboration, definitions, protocols and procedures Protocol for mobility management and intra/inter-domain communication in multimedia systems -	2002	ITU-T	0
4159	Q.1902.4 AMD 1	Bearer Independent Call Control protocol (Capability Set 2): Basic call procedures SERIES Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent Call Control (BICC) - Study Group 11	2002	ITU-T	0
4160	Q.931 AMD 1	ISDN user-network interface layer 3 specification for basic call control SERIES Q: SWITCHING AND SIGNALLING Digital subscriber Signalling System No. 1 Network layer - Study Group 11	2002	ITU-T	0
4161	SERIES Q SUPP 39	Technical Report TRQ.2700: Requirements for signalling in access networks that support BICC SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2002	ITU-T	0
4162	Q.785.2 NOTE	ISUP97 supplementary services - Test suite structure and test purposes (TSS & TP) - Study Group 11	2002	ITU-T	0
4163	G.992.1 CORR 2	Asymmetric Digital Subscriber Line (ADSL) Transceivers Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Access Networks - Corrigendum 2	2002	ITU-T	0
4164	H.460.3	Circuit Maps within H.323 Systems Series H: Audiovisual and Multimedia Systems Supplementary Services for Multimedia - Study Group 16	2002	ITU-T	0
4165	Q.2630.2 ANNEX D	AAL type 2 signalling protocol Capability set 2 Annex D: SDL definition of the AAL type 2 signalling protocol CS-2 SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Common aspects of B-ISDN application protocols for access signalling and network signalling	2002	ITU-T	0
4166	H.530	SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Mobility and Collaboration procedures Security for mobile multimedia systems and services Symmetric security procedures for H.323 mobility in H.510 - Study Group 16	2002	ITU-T	0
4167	V.44 CORR 1	Data Compression Procedures Corrigendum 1 - Series V: Data Communication over the Telephone Network Error Control - Corrigendum 1; Study Group 16; Covering Note: May, 10, 2002	2002	ITU-T	0
4168	J.187	Transport mechanism for component-coded digital high-definition television signals using MPEG-2 video coding including all service elements for contribution and primary distribution SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME	2002	ITU-T	0
4169	G.821	Error performance of an international digital connection operating at a bit rate below the primary rate and forming part of an Integrated Services Digital Network SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks Qual	2002	ITU-T	0
4170	G.774.3	Synchronous digital hierarchy (SDH) - Management of multiplex-section protection for the network element view - Study Group 15	2002	ITU-T	0
4171	J.133	Measurement of MPEG-2 transport streams in networks Series J: Cable Networks and Transmission of Television, Sound Programme and Other Multimedia Signals Transport of MPEG-2 signals on packetised networks - Study Group 9	2002	ITU-T	0
4172	D.602 R	Application of the "sender pays transit" principle in transit relations SERIES D: GENERAL TARIFF PRINCIPLES Recommendations for regional application Recommendations applicable to the African Region - Study Group 3	2002	ITU-T	0
4173	E.217	Maritime communications Ship station identity SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International operation Maritime mobile service and public land mobile service - Study Group 2	2002	ITU-T	0
4174	E.168	Application of E.164 Numbering Plan for UPT - Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors - International Operation - Numbering Plan of the International Telephone Service Numbering, Routing and Mobile Servi	2002	ITU-T	0
4175	E.360.7	QoS routing and related traffic engineering methods Traffic engineering operational requirements SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International routing plan - Study Group 2	2002	ITU-T	0

4176	H.248.17	Gateway control protocol: Line test packages SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS Infrastructure of audiovisual services Communication procedures - Study Group 16	2002	ITU-T	0
4177	V.42	SERIES V: DATA COMMUNICATION OVER THE TELEPHONE NETWORK Error control Error-correcting procedures for DCEs using asynchronous-to-synchronous conversion - Study Group 14	2002	ITU-T	0
4178	Q.1702	Long-term vision of network aspects for systems beyond IMT-2000	2002	ITU-T	0
4179	M.2301	Performance objectives and procedures for provisioning and maintenance of IP-based networks SERIES M: TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS International transport ne	2002	ITU-T	0
4180	G.829	Error Performance Events for SDH Multiplex and Regenerator Sections Series G: Transmission Systems and Media, Digital Systems and Networks Digital Networks - Quality and Availability Targets - Study Group 13	2002	ITU-T	0
4181	X.292	OSI Conformance Testing Methodology and Framework for Protocol Recommendations for ITU-T Applications - The Tree and Tabular Combined Notation (TTCN) - Series X: Data Networks and Open System Communications Open System Interconnection - Conformance Testin	2002	ITU-T	0
4182	J.188	A framework for an efficient parallel video transmission system including codecs with functions of failure detection and picture quality evaluation SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Misce	2002	ITU-T	0
4183	D.140 AMD 1	Accounting Rate Principles for the International Telephone Service Amendment 1: New Appendix to Annex C: Guidelines Series D: General Tariff Principles General Tariff Principles - Charging and Accounting in the International Telephone Service - Study Grou	2002	ITU-T	0
4184	Q.2761 AMD 1	Functional description of the B-ISDN user part (B-ISUP) of signalling system No. 7 Amendment 1: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN - B-ISDN application protocols for the network sign	2002	ITU-T	0
4185	H.460.5	H.225.0 Transport of Multiple Q.931 Information Elements of the Same Type Series H: Audiovisual and Multimedia Systems Supplementary Services for Multimedia - Study Group 16	2002	ITU-T	0
4186	E.860	Framework of a service level agreement - Study Group 2	2002	ITU-T	0
4187	J.146	Loopy latency issues in contribution circuits for conversational TV programmes Series J: Cable Networks and Transmission of Television, Sound Programme and Other Multimedia Signals Measurement of the quality of service - Study Group 9	2002	ITU-T	0
4188	Q.115.0	Protocols for the control of signal processing network elements and functions - Study Group 11	2002	ITU-T	0
4189	X.780 AMD 1	TMN Guidelines for Defining CORBA Managed Objects Amendment 1: System Objects and User Guide for Bulk Attribute Retrieval - Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Amendment 1; Stud	2002	ITU-T	0
4190	G.774.4	Synchronous digital hierarchy (SDH) Management of the subnetwork connection protection for the network element view - Study Group 15	2002	ITU-T	0
4191	G.826	End-to-end error performance parameters and objectives for international, constant bit-rate digital paths and connections SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS Digital networks Quality and availability targets - Study Grou	2002	ITU-T	0
4192	Y.1323 AMD 1	SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE AND INTERNET PROTOCOL ASPECTS Internet protocol aspects Transport Ethernet over LAPS Amendment 1: Using Ethernet flow control as rate limiting - Study Group 7	2002	ITU-T	0
4193	Q.816 CORR 2	SERIES Q: SWITCHING AND SIGNALLING Q3 interface CORBA- based TMN services Corrigendum 2 - Study Group 4	2002	ITU-T	0
4194	H.460.9	Support for Online QoS-Monitoring Reporting within H.323 Systems Series H: Audiovisual and Multimedia Systems Supplementary Servies for Multimedia - Study Group 16	2002	ITU-T	0
4195	E.425	Internal Automatic Observations Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Network Management - Checking the Quality of the International Phone Service - Study Group 2	2002	ITU-T	0
4196	J.189	Seamless splicing for MPEG-2 bit streams SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS Miscellaneous - Study Group 9	2002	ITU-T	0
4197	V.18 AMD 1	Operational and interworking requirements for DCEs operating in the text telephone mode Amendment 1: Series V: Data Communication over the Telephone Network Interfaces and voiceband modems - Study Group 16	2002	ITU-T	0

4198	Q.2762 AMD 1	General functions of messages and signals of the B-ISDN User Part (B-ISUP) of Signalling System No. 7 Amendment 1: Support for the International Emergency Preference Scheme SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN - B-ISDN application protocols f	2002	ITU-T	0
4199	Q.2220	Transport-Independent Signalling Connection Control Part (TI-SCCP) SERIES Q: SWITCHING AND SIGNALLING Broadband ISDN Signalling network protocols - Study Group 11	2002	ITU-T	0
4200	T.66	Facsimile Code Points for Use with Recommendations V.8 and V.8 bis Series T: Terminals for Telematic Services - Study Group 16	2002	ITU-T	0
4201	E.360.4	QoS routing and related traffic engineering methods Routing table management methods and requirements SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International routing plan - Study Group 2	2002	ITU-T	0
4202	T.870	Information technology Lossless and near-lossless compression of continuous-tone still images: Extensions - Study Group 16	2002	ITU-T	0
4203	Q.1922.4	Interaction between the Intelligent Network application CS-4 protocol and the Bearer Independent Call Control protocol SERIES Q: SWITCHING AND SIGNALLING Specifications of signalling related to Bearer Independent Call Control (BICC) - Study Group 11	2002	ITU-T	0
4204	Y.1261	Service requirements and architecture for voice services over Multi-Protocol Label Switching - Study Group 13	2002	ITU-T	0
4205	J.147	Objective picture quality measurement method by use of in-service test signals - Study Group 9	2002	ITU-T	0
4206	G.774	Synchronous Digital Hierarchy (SDH) - Management Information Model for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration and Maintenance Features of Tra	2002	ITU-T	0
4207	H.460.8	Querying for Alternate Routes within H.323 Systems Series H: Audiovisual and Multimedia Systems Supplementary Services for Multimedia - Study Group 16	2002	ITU-T	0
4208	X.780 CORR 2	TMN Guidelines for Defining CORBA Managed Objects Corrigendum 2 Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Study Group 4	2002	ITU-T	0
4209	V.59 CORR 2	Managed objects for diagnostic information of public switched telephone network connected V-series modem DCEs Corrigendum 2 SERIES V: DATA COMMUNICATION OVER THE TELEPHONE NETWORK Transmission quality and maintenance - Study Group 16	2002	ITU-T	0
4210	G.983.3 AMD 1	A Broadband Optical Access System with Increased Service Capability by Wavelength Allocation Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line Systems - Optical Line Systems for Local and Access Netwo	2002	ITU-T	0
4211	Q.1912.2	Interworking between Selected Signalling Systems (PSTN Access, DSS1, C5, R1, R2, TUP) and the Bearer Independent Call Control Protocol; Series Q: Switching and Signalling; Specifications of Signalling Related to Bearer Independent Call Control (BICC) - St	2001	ITU-T	0
4212	G.1010	End-User Multimedia QoS Categories Series G: Transmission Systems and Media, Digital Systems and Networks Quality of Service and Performance - Study Group 12	2001	ITU-T	0
4213	P.350	Handset dimensions - Study Group 12	2001	ITU-T	0
4214	Q.1248.3	Interface Recommendation for Intelligent Network Capability Set 4: SCF-SRF interface - Study Group 11	2001	ITU-T	0
4215	Q.764 AMD. 1	Signalling System No. 7 - ISDN User Part Signalling Procedures Series Q: Switching and Signalling Specifications of Signalling System No. 7 - ISDN User Part	2001	ITU-T	0
4216	G.1000	Communications Quality of Service: A Framework and Definitions Series G: Transmission Systems and Media, Digital Systems and Networks Quality of Service and Performance - Study Group 12	2001	ITU-T	0
4217	Q.816.1	CORBA-Based TMN Services: Extensions to Support Coarse-Grained Interfaces Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
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4220	Q.553	Transmission Characteristics at 4-Wire Analogue Interfaces of Digital Exchanges - Series Q: Switching and Signalling Digital Exchanges - Transmission Characteristics - Study Group 15	2001	ITU-T	0

4221	Q.1902.3	Bearer Independent Call Control Protocol (Capability Set 2) and Signalling System No. 7 ISDN User Part: Formats and Codes Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Group 11	2001	ITU-T	0
4222	Q.724 NOTE	Telephone user part signalling procedures	2001	ITU-T	0
4223	J.150 AMD 2	Operational functionalities for the delivery of digital multiprogramme television, sound and data services through multichannel, multipoint distribution systems (MMDS) Amendment 2 - Amendment 2; Study Group 9	2001	ITU-T	0
4224	V.25 CORR 1	Automatic answering equipment and general procedures for automatic calling equipment on the general switched telephone network including procedures for disabling of echo control devices for both manually and automatically established calls Corrigendum 1 -	2001	ITU-T	0
4225	Q.761 AMD 1	Signalling system No. 7 â ISDN user part functional description Amendment 1 - Study Group 11	2001	ITU-T	0
4226	M.1340 CORR 1	Performance Objectives, Allocations and Limits for International PDH Leased Circuits and Supporting Data Transmission Links and Systems Series M: TMN and Network Maintenance: International Transmission Systems, Telephone Circuits, Telegraphy, Facsimile an	2001	ITU-T	0
4227	H.450.11	Call Intrusion Supplementary Service for H.323 Series H: Audiovisual and Multimedia Ayatems Supplementary Services for Multimedia - Study Group 16	2001	ITU-T	0
4228	Q.2150.0	Generic Signalling Transport Service Series Q: Switching and Signalling Broadband ISDN - Signalling ATM Adaptation Layer (SAAL) - Study Group 11	2001	ITU-T	0
4229	X.606	Information technology - Enhanced communications transport protocol: Specification of simplex multicast transport - Study Group 7	2001	ITU-T	0
4230	J.84	Distribution of Digital Multi-Programme Signals for Television, Sound and Data Services Through SMATV Networks - Series J: Cable Networks and Transmission of Television, Sound Programme and Other Multimedia Signals Digital Transmission of Television Signa	2001	ITU-T	0
4231	G.774.9	Synchronous Digital Hierarchy (SDH) - Configuration of Linear Multiplex-Section Protection for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration and Mai	2001	ITU-T	0
4232	Q.2630.1 ANNEX B	SDL Definition of the AAL Type 2 Signalling Protocol CS1 Series Q: Switching and Signalling Broadband ISDN - Common Aspects of B-ISDN Application Protocols for Access Signalling and Network Signalling and Interworking - Annex B; Study Group 11	2001	ITU-T	0
4233	Q.831 CORR.1	Fault and Performance Management of V5 Interface Environments and Associated Customer Profiles Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4234	P.833	Methodology for Derivation of Equipment Impairment Factors from Subjective Listening-Only Tests Series P: Telephone Transmission Quality Telephone Installations, Local Line Networks Methods for Objective and Subjective Assessment of Quality - Study Group	2001	ITU-T	0
4235	G.853.16	Information viewpoint for pre-provisioned route discovery - Study Group 4	2001	ITU-T	0
4236	G.774.8	Synchronous Digital Hierarchy (SDH) - Management of Radio-Relay Systems for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration and Maintenance Features o	2001	ITU-T	0
4237	H.450.10	Call Offering Supplementary Services for H.323 Series H: Audiovisual and Multimedia Systems Supplementary Services for Multimedia - Study Group 16	2001	ITU-T	0
4238	Q.713	Signalling connection control part formats and codes - Study Group 11	2001	ITU-T	0
4239	Q.1902.1	Bearer Independent Call Control Protocol (Capability Set 2): Functional Description - Study Group 11	2001	ITU-T	0
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4241	Q.2111 AMD 1	B-ISDN ATM adaptation layer Service specific connection oriented protocol in a multilink and connectionless environment (SSCOPMCE) Amendment 1 - Study Group 11	2001	ITU-T	0
4242	Q.1922.2	Interaction between the Intelligent Network Application Protocol Capability Set 2 and the Bearer Independent Call Control Protocol Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Gr	2001	ITU-T	0

4243	Q.1248.5	Interface Recommendation for Intelligent Network Capability Set 4: SDF-SDF interface - Study Group 11	2001	ITU-T	0
4244	X.743 CORR 1	Information technology Open Systems Interconnection Systems Management: Time management function Technical Corrigendum 1 - Study Group 4	2001	ITU-T	0
4245	X.780	TMN guidelines for defining CORBA managed objects - Study Group 4	2001	ITU-T	0
4246	G.965	V-interfaces at the digital local exchange (LE) â__ V5.2 interface (based on 2048 kbit/s) for the support of access network (AN) - Study Group 15	2001	ITU-T	0
4247	M.3108.1 CORR 1	TMN management services for dedicated and reconfigurable circuits network: Information model for management of leased circuit and reconfigurable services Corrigendum 1 - Study Group 4	2001	ITU-T	0
4248	Q.816	CORBA-Based TMN Services Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4249	G.810 NOTE	Definitions and Terminology for Synchronization Networks - Series G: Transmission Systems and Media Digital Transmission Systems - Digital Networks - Design Objectives for Digital Networks - Study Group 13	2001	ITU-T	0
4250	T.82 CORR 2	Information Technology - Coded Representation of Picture and Audio Information - Progressive Bi-Level Image Compression Technical Corrigendum 2 Series T: Terminals for Telematic Services - Study Group 16	2001	ITU-T	0
4251	Y.1323	Ethernet over Laps Series X: Data Networks and Open System Communications Public Data Networks - Transmission, Signalling and Switching - Study Group 7: Also Listed As X.86	2001	ITU-T	0
4252	Q.833.1	Asymmetric Digital Subscriber Line (ADSL) - Network Element Management: CMIP Model Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4253	E.737	Dimensioning Methods for B-ISDN - Study Group 2	2001	ITU-T	0
4254	G.995.1 AMD 1	Overview of Digital Subscriber Line (DSL) Recommendations Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Access Networks - Study Group 15	2001	ITU-T	0
4255	E.155 AMD 1	International Premium Rate Service Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operation - Operation of International Telephone Services - Study Group 2	2001	ITU-T	0
4256	G.774.2	Synchronous digital hierarchy (SDH) Configuration of the payload structure for the network element view - Study Group 15	2001	ITU-T	0
4257	M.3210.1	TMN management services for IMT-2000 security management - Study Group 4	2001	ITU-T	0
4258	H.223	Multiplexing Protocol for Low Bit Rate Multimedia Communication Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Transmission Multiplexing and Synchronization - Study Group 16	2001	ITU-T	0
4259	Q.1912.4	Interworking between Digital Subscriber Signalling System No. 2 and the Bearer Independent Call Control Protocol Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Group 11	2001	ITU-T	0
4260	Q.832.3	Broadband Access Coordination - Study Group 4	2001	ITU-T	0
4261	M.2201	Performance Objectives, Allocations and Limits for Bringing-into-Service and Maintenance of International ATM Virtual Path and Virtual Channel Connections Series M: TMN and Network Maintenance: International Transmission Systems, Telephone Circuits, Teleg	2001	ITU-T	0
4262	M.3208.2 CORR 1	TMN management services for dedicated and reconfigurable circuits network: Connection management of pre-provisioned service link connections to form a leased circuit service Corrigendum 1 - Study Group 4	2001	ITU-T	0
4263	Q.835 CORR 1	Line and line circuit test management of ISDN and analogue customer accesses Corrigendum 1 - Study Group 4	2001	ITU-T	0
4264	Q.50.1	Signalling between International Switching Centres (ISC) and Digital Circuit Multiplication Equipment (DCME) including the control of compression/decompression - Study Group 11	2001	ITU-T	0
4265	X.731 CORR 2	Information Technology - Open Systems Interconnection - Systems Management: State Management Function Technical Corrigendum 2: Clarification of State Change Event Series X: Data Networks and Open System Communications OSI Management - Management Functions	2001	ITU-T	0
4266	X.780 CORR 1	TMN Guidelines for Defining CORBA Managed Objects Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Corrigendum 1; Study Group 4	2001	ITU-T	0
4267	Q.1902.6	Bearer Independent Call Control Protocol (Capability Set 2): Generic Signalling Procedures for the Support of the ISDN User Part Supplementary Services and for Bearer Redirection Series Q: Switching and Signalling Specifications of Signalling Related to B	2001	ITU-T	0

4268	Q.1902.2	Bearer Independent Call Control Protocol (Capability Set 2)and Signalling System No. 7 ISDN User Part: General Functions of Messages and Parameters Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control	2001	ITU-T	0
4269	E.161	Arrangement of Digits, Letters and Symbols on Telephones and Other Devices that can be Used for Gaining Access to a Telephone Network Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operation - Num	2001	ITU-T	0
4270	Q.832.1 CORR. 1	VB5.1 Management - Study Group 4	2001	ITU-T	0
4271	G.712	Transmission performance characteristics of pulse code modulation channels = SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS - Digital terminal equipments - Coding of analogue signals by pulse code modulation	2001	ITU-T	0
4272	J.67	Test signals and measurement techniques for transmission circuits carrying MAC/packet signals - Study Group 9	2001	ITU-T	0
4273	Q.821.1	COBRA-Based TMN Alarm Surveillance Service Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4274	G.852.16	Enterprise Viewpoint for Pre-Provisioned Route Discovery - Series G: Transmission Systems and Media, Digital Systems and Networks Digital Networks - Management of Transport Network - Study Group 4	2001	ITU-T	0
4275	Q.1241	Introduction to Intelligent Network Capability Set 4 - Study Group 11	2001	ITU-T	0
4276	P.300	Transmission Performance of Group Audio Terminals (GATs) Series P: Telephone Transmission Quality, Telephone Installations, Local Line Networks Subscribers Lines and Sets - Study Group 12	2001	ITU-T	0
4277	G.774.1	Synchronous Digital Hierarchy (SDH) - Bidirectional Performance Monitoring for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration and Maintenance Feature	2001	ITU-T	0
4278	Q.1248.7	Interface Recommendation for Intelligent Network capability set 4: SCF-CUSF Interface - Study Group 11	2001	ITU-T	0
4279	T.37 AMD 2	Procedures for the Transfer of Facsimile Data Via Store-and-Forward on the Internet Amendment 2 Series T: Terminals for Telematic Services - Study Group 16	2001	ITU-T	0
4280	Q.763 CORR 1	Signalling system No. 7 ISDN user part formats and codes Corrigendum 1 - Study Group 11	2001	ITU-T	0
4281	Q.2150.1	Signalling Transport Converter on MTP3 and MTP3b - Study Group 11	2001	ITU-T	0
4282	Q.733.3 AMD 1	Stage 3 description for call completion supplementary services using Signalling System No. 7: Completion of calls to busy subscriber (CCBS) Amendment 1 - Study Group 11	2001	ITU-T	0
4283	G.774.7	Synchronous Digital Hierarchy (SDH) - Management of Lower Order Path Trace and Interface Labelling for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks - Digital Terminal Equipments - Operations, Administrati	2001	ITU-T	0
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4285	SERIES Q SUPP 38	Technical Report TRQ.2600: BICC signalling transport requirements Capability set 1 SERIES Q: SWITCHING AND SIGNALLING - Study Group 11	2001	ITU-T	0
4286	X.780.1	TMN guidelines for defining coarse-grained CORBA managed object interfaces - Study Group 4	2001	ITU-T	0
4287	G.983.3	A Broadband Optical Access System with Increased Service Capability by Wavelength Allocation Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line Systems - Optical Line Systems for Local and Access Netwo	2001	ITU-T	0
4288	Q.1248.4	Interface Recommendation for Intelligent Network Capability Set 4: SCF-SDF interface - Study Group 11	2001	ITU-T	0
4289	Q.50	Signalling between Circuit Multiplication Equipment (CME) and International Switching Centres (ISC) - Study Group 11	2001	ITU-T	0
4290	E.123	Notation for National and International Telephone Numbers, e-mail addresses and Web addresses SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS International operation - General provisions concerning users - Study	2001	ITU-T	0
4291	X.770	ODMA notification dispatch function - Study Group 4	2001	ITU-T	0

4292	X.744 CORR 3	Information Technology - Open Systems Interconnection - Systems Management: Software Management Function Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Corrigendum 3; Study Group 4	2001	ITU-T	0
4293	J.112 ANNEX B	Transmission Systems for Interactive Cable Television Services Annex B: Data-over-cable service interface specifications: Radio-frequency interface specification Series J: Cable Networks and Transmission of Television, Sound Programme and Other Multimedia	2001	ITU-T	0
4294	E.681	Traffic Engineering Methods for IP Access Networks Based on Hybrid Fiber/Coax System - Study Group 2	2001	ITU-T	0
4295	P.502 NOTE	Objective test methods for speech communication systems using complex test signals - Study Group 12	2001	ITU-T	0
4296	E.164.3	Principles, Criteria and Procedures for the Assignment and Reclamation of E.164 Country Codes and Associated Identification Codes for Groups of Countries Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Internati	2001	ITU-T	0
4297	Q.817	TMN PKI â Digital certificates and certificate revocation lists profiles - Study Group 4	2001	ITU-T	0
4298	G.768	Digital Circuit Multiplication Equipment Using 8 kbit/s CS-ACELP Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Principal Characteristics of Transcoder and Digital Multiplication Equipment - Study Grou	2001	ITU-T	0
4299	Q.1912.3	Interworking between H.323 and the Bearer Independent Call Control Protocol Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Group 11	2001	ITU-T	0
4300	Q.714	Signalling connection control part procedures - Study Group 11	2001	ITU-T	0
4301	Q.1902.5	Bearer Independent Call Control Protocol (Capability Set 2): Exceptions to the Application Transport Mechanism in the Context of BICC Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study	2001	ITU-T	0
4302	M.1301	General description and operational procedures for international SDH leased circuits - Study Group 4	2001	ITU-T	0
4303	G.774.5	Synchronous Digital Hierarchy (SDH) - Management of Connection Supervision Functionality (HCS/LCS) for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration	2001	ITU-T	0
4304	Q.1248.2	Interface Recommendation for Intelligent Network Capability Set 4: SCF-SSF interface SERIES Q: SWITCHING AND SIGNALLING Intelligent Network - Study Group 11	2001	ITU-T	0
4305	G.964	V-interfaces at the digital local exchange (LE) V5.1 interface (based on 2048 kbit/s) for the support of access network (AN) - Study Group 15	2001	ITU-T	0
4306	E.353	Routing of Calls When Using International Netwok Routing Addresses - Study Group 2	2001	ITU-T	0
4307	G.995.1	Overview of Digital Subscriber Line (DSL) Recommendations Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Access Networks - Study Group 15	2001	ITU-T	0
4308	Q.723 NOTE	Telephone user part formats and codes	2001	ITU-T	0
4309	H.450.12	Common Information Additional Network Feature for H.323 Series H: Audiovisual and Multimedia Systems Supplementary Services for Multimedia - Study Group 16	2001	ITU-T	0
4310	Q.816 AMD 1	COBRA-Based TMN Services Amendment 1: OMG Services Profile Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4311	Q.1248.6	Interface Recommendation for Intelligent Network Capability Set 4: SCF-SCF interface - Study Group 11	2001	ITU-T	0
4312	H.248.10	Gateway Control Protocol: Media Gateway Resource Congestion Handling Package Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedures - Study Group 16	2001	ITU-T	0
4313	Y.1241	Support of IP-based services using IP transfer capabilities - Study Group 13	2001	ITU-T	0
4314	X.792 CORR 1	Configuration audit support function for ITU-T applications Corrigendum 1 - Study Group 4	2001	ITU-T	0
4315	Q.1912.1	Interworking between Signalling System No. 7 ISDN User Part and the Bearer Independent Call Control Protocol Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Group 11	2001	ITU-T	0
4316	Q.822.1	COBRA-Based TMN Performance Management Service Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4317	E.370	(Pre-Published) Service principles when public circuit-switched international telecommunication networks interwork with IP-based networks	2001	ITU-T	0

4318	H.248 ANNEX M2	Gateway Control Protocol Annex M2: Media Gateway Resource Congestion Handling Package Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedures - Study Group 16	2001	ITU-T	0
4319	X.213	Information Technology - Open Systems Interconnection - Network Service Definition Series X: Data Networks and Open System Communications Open Systems Interconnection - Service Definitions - Study Group 7	2001	ITU-T	0
4320	G.992.1 CORR 1	Asymmetric Digital Subscriber Line (ADSL) Transceivers Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Access Networks	2001	ITU-T	0
4321	G.774.6	Synchronous Digital Hierarchy (SDH) - Unidirectional Performance Monitoring for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration and Maintenance Featur	2001	ITU-T	0
4322	G.828 CORR 1	Error Performance Parameters and Objectives for International, Constant Bit-Rate Synchronous Digital Path Series G: Transmission Systems and Media, Digital Systems and Networks Digital Networks - Quality and Availability Targets - Corrigendum 1; Study Gro	2001	ITU-T	0
4323	Q.816 CORR 1	CORBA-Based TMN Services Series Q: Switching and Signalling Q3 Interface - Study Group 4	2001	ITU-T	0
4324	Q.1990	BICC Bearer Control Tunnelling Protocol Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Group 11	2001	ITU-T	0
4325	E.502	Traffic Measurement Requirements for Digital Telecommunication Exchanges Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Traffic Engineering - Measurement and Recording of Traffic - Study Group 2	2001	ITU-T	0
4326	X.731 AMD 2	Information Technology Open Systems Interconnection Systems Management: State management function Amendment 2: Amendment to support lifecycle state - Study Group 4	2001	ITU-T	0
4327	M.3108.3	TMN management services for dedicated and reconfigurable circuits network: Information model for management of virtual private network service - Study Group 4	2001	ITU-T	0
4328	G.774.10	Synchronous Digital Hierarchy (SDH) - Multiplex Section (MS) Shared Protection Ring Management for the Network Element View Series G: Transmission Systems and Media, Digital Systems and Networks Digital Terminal Equipments - Operations, Administration and	2001	ITU-T	0
4329	G.996.1	Test Procedures for Digital Subscriber Line (DSL) Transceivers Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Access Networks - Study Group 15	2001	ITU-T	0
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4331	Q.1248.1	Interface Recommendation for Intelligent Network Capability Set 4: Common aspects - Study Group 11	2001	ITU-T	0
4332	Q.2150.2	Signalling Transport Converter on SSCOPMCE Series Q: Switching and Signalling - Broadband ISDN - Signalling ATM Adaptation Layer (SAAL) - Study Group 11	2001	ITU-T	0
4333	J.112 ANNEX A	Transmission Systems for Interactive Cable Television Services Annex A: Digital Video Broadcasting: DVB Interaction Channel for Cable TV (CATV) Distribution Systems Series J: Transmission of Television, Sound Programme and Other Multimedia Signals - Inter	2001	ITU-T	0
4334	G.983.4	A Broadband Optical Access System with Increased Service Capability Using Dynamic Bandwidth Assignment - Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Optical Line Systems for Local and A	2001	ITU-T	0
4335	V.59 CORR 1	Managed objects for diagnostic information of public switched telephone network connected V-series modem DCEs Corrigendum 1 - Study Group 16	2001	ITU-T	0
4336	M.3120	CORBA generic network and network element level information model - Study Group 4	2001	ITU-T	0
4337	J.182	Parameter sets for analogue interface specifications for the interconnection of set-top boxes and presentation devices in the home - Study Group 9	2001	ITU-T	0
4338	Q.552	Transmission Characteristics at 2-Wire Analogue Interfaces of Digital Exchanges Series Q: Switching and Signalling Digital Exchanges - Transmission Characteristics - Study Group 15	2001	ITU-T	0
4339	T.89	Application Profiles for Recommendation T.88 -Lossy/Lossless Coding of Bi-Level Images (JBIG2) for Facsimile Series T: Terminals for Telematic Services - Study Group 16	2001	ITU-T	0
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4341	E.164.2	E.164 Numbering Resources for Trials Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operation - Numbering Plan of the International Telephone Service - Study Group 2	2001	ITU-T	0
4342	X.790 CORR 2	Trouble Management Function for ITU-T Applications Corrigendum 2 Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Study Group 4	2001	ITU-T	0
4343	Q.850 AMD 1	Usage of Cause and Location in the Digital Subscriber Signalling System No. 1 (DSS1) and the Signalling System No. 7 ISDN User Part (ISUP) Series Q: Switching and Signalling - Digital Subscriber Signalling System No. 1 - General	2001	ITU-T	0
4344	X.721 AMD 1	SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI management Structure of Management Information Information technology Open Systems Interconnection Structure of management information: Definition of management information Amendment 1: States to	2001	ITU-T	0
4345	Q.1244	Distributed Functional Plane for Intelligent network Capability Set-4 - Study Group 11	2001	ITU-T	0
4346	Q.1902.4	Bearer Independent Call Control Protocol (Capability Set 2): Basic Call Procedures Series Q: Switching and Signalling Specifications of Signalling Related to Bearer Independent Call Control (BICC) - Study Group 11	2001	ITU-T	0
4347	H.248.12	Gateway Control Protocol: H.248.1 Packages for H.323 and H.324 Interworking Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedures - Study Group 16	2001	ITU-T	0
4348	Q.52	Signalling between international switching centres and stand-alone echo control devices - Study Group 11	2001	ITU-T	0
4349	J.184	Digital broadband delivery system: Out-of-band transport - Study Group 9	2001	ITU-T	0
4350	Y.1311.1	Network-Based IP VPN Over MPLS Architecture Series Y: Global Information Infrastructure and Internet Protocol Aspects Internet Protocol Aspects - Transport - Study Group 13	2001	ITU-T	0
4351	I.381	ATM Adaptation Layer (ALL) performance - Study Group 13	2001	ITU-T	0
4352	Q.56	Signalling Between Signal Processing Network Equipment (SPNE) and International Switching Centres (ISC) over an IP Network Series Q: Switching and Signalling International Automatic and Semi-Automatic Working - Signalling for Circuit Multiplication Equipm	2001	ITU-T	0
4353	J.87	Use of Hybrid Cable Television Links for the Secondary Distribution of Television into the Users Premises - Series J:Cable Networks and Transmission of Television, Sound Programme and Other Multimedia Signals - Digital Transmission of Television Signals -	2001	ITU-T	0
4354	V.92 AMD 1	Enhancements to Recommendation V.90 Amendment 1 - Study Group 16	2001	ITU-T	0
4355	X.86	Ethernet over LAPS - Study Group 7	2001	ITU-T	0
4356	X.737 CORR 3	Information technology Open Systems Interconnection Systems Management: Confidence and diagnostic test categories Technical Corrigendum 3 - Study Group 4	2001	ITU-T	0
4357	J.145	Measurement and control of the quality of service for sound transmission over contribution and distribution networks - Study Group 9	2001	ITU-T	0
4358	Q.732.2-5 AMD 1	Stage 3 Description for Call Offering Supplementary Services Using Signalling System No.7: Call Diversion Services Series Q: Switching and Signalling - Specifications of Signalling System No.7 - ISDN Supplementary Services - Study Group 11	2001	ITU-T	0
4359	V.80 AMD 1	In-Band DCE Control and Synchronous Data Modes for Asynchronous DTE - Series V: Data Communication over the Telephone Network Simultaneous Transmission of Data and Other Signals - Amendment 1; Study Group 16	2001	ITU-T	0
4360	E.451	Facsimile Call Cut-off Performance Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Network Management - Checking the Quality of the International Telephone Service - Study Group 2	2001	ITU-T	0
4361	Q.763 AMD 1	Signalling System No. 7 ISDN user part formats and codes Amendment 1: Coding of the application transport parameter	2001	ITU-T	0
4362	H.248 ANNEX M4	Gateway Control Protocol Annex M4: H.248 Packages for H.323 and H.324 Interworking Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedures - Study Group 16	2001	ITU-T	0
4363	X.781	Requirements and guidelines for Implementation Conformance Statements proformas associated with CORBA-based systems - Study Group 4	2001	ITU-T	0
4364	E.191.1	(Pre-Published) Criteria and Procedures for the Allocation of the ITU-T International Network Designator Addresses - Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operation - Numbering Plan of th	2001	ITU-T	0
4365	G.854.16	Computational viewpoint for pre-provisioned route discovery - Study Group 4	2001	ITU-T	0

4366	V.91 CORR 1	A Digital Modem Operating at Data Signalling Rates of up to 64 000 Bit/s for Use on a 4-Wire Circuit Switched Connection and on Leased Point-to-Point 4-Wire Digital Circuits Series V: Data Communication Over the Telephone Network - Simultaneous Transmissi	2001	ITU-T	0
4367	O.81 NOTE	A measuring signal (multitone test signal) for fast measurement of amplitude and phase for telephone type circuits	2000	ITU-T	0
4368	E.760	Terminal Mobility Traffic Modelling - Study Group 2; 21 pp	2000	ITU-T	0
4369	Q.1542	UPT Stage 2 for Service Set 1 on IN CS-2 - Procedures for Universal Personal Telecommunication: Functional Modelling and Information Flows Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4370	SERIES Q SUPP 30	Supplement to ITU-T Recommendation Q.1701 Roadmap to IMT-2000 Recommendations, Standards and Technical Specifications - Study Group 11	2000	ITU-T	0
4371	Q.65	Unified Functional Methodology for the Characterization of Services and Network Capabilities Including Alternative Object-Oriented Techniques Series Q: Switching and Signalling Functions and Information Flows for Services in the ISDN - Methodology - Study	2000	ITU-T	0
4372	X.754	Enhanced event control function - Study Group 4	2000	ITU-T	0
4373	Q.1600 BIS AMD 1	Signalling System No. 7 - Interaction between ISDN User Part ISUP97 and INAP CS-1: Test Suite Structure and Test Purposes (TSS & TP) Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4374	Q.2931 AMD 2 CORR 1	Digital subscriber signalling system No. 2 - User-network interface (UNI) layer 3 specification for basl_ c ca I I/co n n ect i o n con t ro I Amendment 2 Corrigendum 1 - Study Group 11	2000	ITU-T	0
4375	X.78 CORR 1	Interworking Procedures between Networks Providing Frame Relay Data Transmission Services Via B-ISDN Corrigendum 1 Series X: Data Networks and Open System Communications Public Data Networks - Transmission, Signalling and Switching - Study Group 7	2000	ITU-T	0
4376	Q.1238.6	Interface Recommendation for Intelligent Network Capability Set 3: SCF-SCF Interface Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4377	Q.1237	Extensions to Intelligent Network Capability Set 3 in Support of B-ISDN Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4378	E.351	Routing of Multimedia Connections Across TDM-, ATM- and IP-Based Networks Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Operation, Numbering, Routing and Mobile Services - ISDN Provisions Concerning Users - In	2000	ITU-T	0
4379	SERIES Q SUPP 36	Technical Report TRQ.3030: Operation of the Bearer Independent Call Control (BICC) Protocol (CS-2) with IP Bearer Control Protocol (IPBCP) Series Q: Switching and Signalling - Study Group 11	2000	ITU-T	0
4380	M.2130	Operational procedures for the maintenance of the transport network	2000	ITU-T	0
4381	F.701	Guideline Recommendation for Identifying Multimedia Service Requirements Series F: Non-Telephone Telecommunication Services Audiovisual Services - Study Group 16; 16 pp	2000	ITU-T	0
4382	X.745 CORR 3	Information technology Open Systems Interconnection Systems management: Test management function Technical Corrigendum 3 - Corrigendum 3; Study Group 4	2000	ITU-T	0
4383	Q.1238.2	Interface Recommendation for Intelligent Network Capability Set 3: SCF-SSF Interface Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4384	Q.932 AMD 1	Digital Subscriber Signalling System No. 1 - Generic Procedures for the Control of ISDN Supplementary Services Amendment 1 Series Q: Switching and Signalling Digital Subscriber Signalling System No.1 - Network Layer - Study Group 11	2000	ITU-T	0
4385	P.502	Objective Test Methods for Speech Communication Systems Using Complex Test Signals Series P: Telephone Transmission Quality, Telephone Installations, Local Line Networks Objective Measuring Apparatus - Study Group 12	2000	ITU-T	0
4386	M.1340	Performance Objectives, Allocations and Limits for International PDH Leased Circuits and Supporting Data Transmission Links and Systems - Series M: TMN and Network Maintenance: International Transmission System, Telephone Circuits, Telegraphy, Facsimile a	2000	ITU-T	0
4387	I.761	Inverse Multiplexing for ATM (IMA) - Series I: Integrated Services Digital Network B-ISDN Equipment Aspects - Multiplexing Aspects - Study Group 13	2000	ITU-T	0
4388	Q.1751	Internetwork Signalling Requirements for IMT-2000 Capability Set 1 - Study Group 11; 48 pp	2000	ITU-T	0

4389	X.171	Network-Network Management Services for Data Networks Series X: Data Networks and Open System Communications Public Data Networks - Maintenance - Study Group 7	2000	ITU-T	0
4390	X.601	Multi-Peer Communications Framework	2000	ITU-T	0
4391	I.731	Types and General Characteristics of ATM Equipment Series I: Integrated Services Digital Network B-ISDN Equipment Aspects - ATM Equipment - Study Group 15	2000	ITU-T	0
4392	G.136 NOTE	Application rules for Automatic Level Control Devices	2000	ITU-T	0
4393	Q.2767.1	Soft PVC Capability - Series Q: Switching and Signalling - Broadband ISDN - B-ISDN Application Protocols for the Network Signalling - Study Group 11	2000	ITU-T	0
4394	Q.2962 E	Digital subscriber signalling system No. 2 - Connection characteristics negotiation during call/connection establishment phase: Test Suite Structure and Test Purposes (TSS & TP) for the network - Study Group 11	2000	ITU-T	0
4395	X.1	International User Classes of Service in, and Categories of Access to, Public Data Networks and Integrated Services Digital Networks (ISDNs) Series X: Data Networks and Open System Communications Public Data Networks - Services and Facilities - Study Grou	2000	ITU-T	0
4396	Q.1521	Requirements on Underlying Networks and Signalling Protocols to Support UPT Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4397	J.53	Sampling frequencies to be used for the digital transmission of studio-quality and high-quality sound-programme signals - Study Group 9	2000	ITU-T	0
4398	X.711 CORR. 2	SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI management Management Communication Service and Protocol Information technology Open Systems Interconnection Common management information protocol: Specification - Corrigendum 2; Study Group 4	2000	ITU-T	0
4399	Q.2965.1 B	Digital subscriber signalling system No. 2 â__ Support of Quality of Service classes: Protocol Implementation Conformance Statement (PICS) proforma - Study Group 11	2000	ITU-T	0
4400	I.762	ATM Over Fractional Physical Links - Series I: Integrated Services Digital Network B-ISDN Equipment Aspects - Multiplexing Aspects - Study Group 13	2000	ITU-T	0
4401	H.450.9	Call completion supplementary services for H.323	2000	ITU-T	0
4402	F.700	Framework Recommendation for Multimedia Services Series F: Non-Telephone Telecommunication Services Audiovisual Services - Study Group 16	2000	ITU-T	0
4403	Q.824.5 CORR 1	Stage 2 and Stage 3 Description for the Q3 Interface - Customer Administration: Configuration Management of V5 Interface Environments and Associated Customer Profiles - Series Q: Switching and Signalling Specifications of Signalling System No. 7 - Q3 Inte	2000	ITU-T	0
4404	G.692 NOTE	Optical Interfaces for Multichannel Systems with Optical Amplifiers - Telecommunication Standardization Sector of ITU	2000	ITU-T	0
4405	Q.1731	Radio-technology independent requirements for IMT-2000 layer 2 radio interface - Study Group 11; 30 pp	2000	ITU-T	0
4406	L.41	Maintenance wavelength on fibres carrying signals - Study Group 6	2000	ITU-T	0
4407	T.43 AMD 1	Colour and Gray-Scale Image Representations Using Lossless Coding Scheme for Facsimile Amendment 1: Accommodation of New and Future Resolutions Series T: Terminals for Telematic Services - Study Group 8; 9 pp	2000	ITU-T	0
4408	G.823	Control of Jitter and Wander within Digital Networks Which Are Based on the 2048 KBIT/S Hierarchy Series G: Transmission Systems and Media, Digital Systems and Networks; Digital Networks - Quality and Availability Targets	2000	ITU-T	0
4409	G.776.3	ADPCM DCME Configuration Map Report Series G: Transmission Systems and media, Digital Systems and Networks Digital Transmission SDystems - Terminal Equipments - Operations, Administration and Maintenance Features of Transmission Equipment - Study Group 15	2000	ITU-T	0
4410	Q.2963.1 E	Digital subscriber signalling system No. 2 Connection modification: Peak cell rate modification by the connection owner: Test suite structure and test purposes (TSS & TP) for the network - Study Group 11	2000	ITU-T	0
4411	X.842	Information technology - Security techniques - Guidelines for the use and management of trusted third party services - Study Group 7	2000	ITU-T	0
4412	M.1380	Bringing-into-service of international leased circuits that are supported by international data transmission systems - Study Group 4	2000	ITU-T	0
4413	SERIES Q SUPP 35	Technical Report TRQ.2500: Signalling Requirements for the Support of the call bearer Control Interface (CS-1) Series Q: Switching and Signalling - Study Group 11	2000	ITU-T	0

4414	I.366.2	AAL Type 2 Service Specific Convergence Sublayer for Narrow-Band Services Series I: Integrated Services Digital Network Overall Network Aspects and Functions - Protocol Layer Requirements - Study Group 13	2000	ITU-T	0
4415	D.600R	Cost Methodology for the Regional Tariff Group for Africa Applicable to the International Automatic Telephone Service Series D: General Tariff Principles Recommendations for Regional Application - Recommendations Applicable to the African Region - Study G	2000	ITU-T	0
4416	Y.120 CORR. 1	Global Information Infrastructure Scenario Methodology Series Y: Global Information Infrastructure and Internet Protocol Aspects Global Information Infrastructure - General - Corrigendum 1	2000	ITU-T	0
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4418	Q.826	Routing Management Model Series Q: Switching and Signalling Q3 Interface - Study Group 4	2000	ITU-T	0
4419	Q.784.3 AMD 1	ISUP97 Basic Call Control Procedures - Test Suite Structure and Test Purposes (TSS & TP) Series Q: Switching and Signalling Specifications of Signalling System No. 7 - Test Specification - Study Group 11	2000	ITU-T	0
4420	L.47	Access facilities using hybrid fibre/copper networks - Study Group 6	2000	ITU-T	0
4421	I.377	Network Requirements to Support Charging and Accounting in B-ISDN Series I: Integrated Services Digital Network Overall Network Aspects and Functions - General Network Requirements and Functions - Study Group 13; 20 pp	2000	ITU-T	0
4422	M.1385	Maintenance of international leased circuits that are supported by international data transmission systems - Study Group 4	2000	ITU-T	0
4423	G.871	Framework for Optical Transport Network Recommendations Series G: Transmission Systems and Media, Digital Systems and Networks Digital Networks - Optical Transport Networks - Study Group 15	2000	ITU-T	0
4424	L.44	Electric Power Supply for Equipment Installed as Outside Plant - Study Group 6	2000	ITU-T	0
4425	Q.2961 B	Digital subscriber signalling system No. 2 (DSS2) Additional traffic parameters: Protocol implementation conformance statement (PICS) proforma - Study Group 11	2000	ITU-T	0
4426	J.151	RF Remodulator Interface for Digital Television - Study Group 9	2000	ITU-T	0
4427	Q.2931 C	Broadband integrated services digital network (B-ISDN) Digital subscriber signalling system No. 2 (DSS2) User-network interface (UNI) layer 3 specification for basic call/connection control: Test suite structure and test purposes (TSS & TP) for the us	2000	ITU-T	0
4428	Q.850 ADD 1	Usage of Cause and Location in the Digital Subscriber Signalling System No. 1 and the Signalling System No. 7 ISDN User Part - Addendum 1 - Series Q: Switching and Signalling - Digital Subscriber Signalling System No. 1 - General - Study Group 11	2000	ITU-T	0
4429	X.2	International Data Transmission Services and Optional User Facilities in Public Data Networks and ISDNs Series X: Data Networks and Open System Communications Public Data Networks - Services and Facilities - Study Group 7; 27 pp	2000	ITU-T	0
4430	Q.2769.1	Support of Number Portability Information Across B-ISUP Series Q: Switching and Signalling Broadband ISDN - B-ISDN Application Protocols for the Network Signalling - Study Group 11	2000	ITU-T	0
4431	G.763 NOTE	Digital Circuit Multiplication Equipment Using G.726 ADPCM and Digital Speech Interpolation	2000	ITU-T	0
4432	G.803	Architecture of Transport Networks Based on the Synchronous Digital Hierarchy (SDH) - Series G: Transmission Systems and Media, Digital Systems and Networks Digital Transmission Systems - Digital Networks - General Aspects - Study Group 13	2000	ITU-T	0
4433	T.45	Run-Length Colour Encoding Series T: Terminals for Telematic Services - Study Group 8; 11 pp	2000	ITU-T	0
4434	P.832	Subjective Performance Evaluation of Hands-Free Terminals Series P: Telephone Transmission Quality, Telephone Installations, Local Line Networks Methods for Objective and Subjective Assessment of Quality - Study Group 12	2000	ITU-T	0
4435	X.723 CORR 2	Information technology Open Systems Interconnection Structure of management information: Generic management information Technical Corrigendum 2 - Study Group 4	2000	ITU-T	0
4436	Q.2941.3	Digital Subscriber Signalling System No. 2 (DSS2) - Generic Identifier Transport Extension for Support of Bearer Independent Call Control - Study Group 11	2000	ITU-T	0
4437	Q.2962 F	Digital subscriber signalling system No. 2 Connection characteristics negotiation during call/connection establishment phase: Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for the network - St	2000	ITU-T	0
4438	M.3400	TMN Management Functions - Study Group 4; 110 pp	2000	ITU-T	0
4439	X.215 CORR 1	Information Technology - Open Systems Interconnection - Session Service Definition Series X: Data Networks and Open System Communications Open Systems Interconnection - Service Definitions - Corrigendum 1; Study Group 7	2000	ITU-T	0

4440	G.108.1	Guidance for Assessing Conversational Speech Transmission Quality Effects Not Covered by the E-Model Series G: Transmission Systems and Media, Digital Systems and Networks International Telephone Connections and Circuits - General Definitions - Study Group	2000	ITU-T	0
4441	H.248	Gateway control protocol - Study Group 16	2000	ITU-T	0
4442	E.411	International Network Management - Operational Guidance Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Quality of Service, Network Management and Traffic Engineering - Network Management - International Network	2000	ITU-T	0
4443	X.744 CORR 2	Information technology Open Systems Interconnection Systems management: Software management function Technical Corrigendum 2 - Study Group 4	2000	ITU-T	0
4444	I.732	Functional Characteristics of ATM Equipment Series I: Integrated Services Digital Network B-ISDN Equipment Aspects - ATM Equipment - Study Group 15	2000	ITU-T	0
4445	Q.921 AMD 1	ISDN user-network interface Data link layer specification Amendment 1 - Study Group 11	2000	ITU-T	0
4446	X.742 CORR 2	Information Technology - Open Systems Interconnection - Systems Management: Usage Metering Function for Accounting Purposes Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Corrigendum 2; St	2000	ITU-T	0
4447	L.46	Protection of Telecommunication Cables and Plant from Biological Attack - Study Group 6	2000	ITU-T	0
4448	X.904 AMD 1	Information Technology - Open Distributed Processing - Reference Model: Architectural Semantics Amendment 1: Computational Formalization Series X: Data Networks and Open System Communications Open Distributed Processing - Study Group 7	2000	ITU-T	0
4449	J.180	User Requirements for Statistical multiplexing of Several Programmes on a Transmission Channel - Study Group 9	2000	ITU-T	0
4450	P.920	Interactive Test Methods for Audiovisual Communications - Series P: Telephone Transmission Quality, Telephone Installations, Local Line Networks Audiovisual Quality in Multimedia Services - Study Group 12	2000	ITU-T	0
4451	Q.2963.1 F	Digital subscriber signalling system No. 2 Connection modification: Peak cell rate modification by the connection owner: Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for the network - Study G	2000	ITU-T	0
4452	E.460	Measurements and Metrics for Monitoring the Performance of V.34 Group 3 Facsimile Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Quality of Service, Network Management and Traffic Engineering - Network Management	2000	ITU-T	0
4453	Q.2630.2	AAL Type 2 Signalling Protocol - Capability Set 2 Series Q: Switching and Signalling Broadband ISDN - Common Aspects of B-ISDN Application Protocols for Access Signalling and Network Signalling and Interworking - Study Group 11	2000	ITU-T	0
4454	J.90	Electronic programme guides for delivery by digital cable television and similar methods - Reference operating scenario and requirements - Study Group 9	2000	ITU-T	0
4455	Q.1901	Bearer Independent Call Control Protocol Series Q: Switching and Signalling - Study Group 11	2000	ITU-T	0
4456	L.47	Access Facilities Using Hybrid Fibre/Copper Networks Series L: Construction, Installation and Protection of Cables and Other Elements of Outside Plant - Study Group 6	2000	ITU-T	0
4457	Q.2961 C	Digital subscriber signalling system No. 2 (DSS2) Additional traffic parameters: Test suite structure and test purposes (TSS & TP) for the user - Study Group 11	2000	ITU-T	0
4458	X.841	Information Technology - Security Techniques - Security Information Objects for Access Control Series X: Data Networks and Open System Communications Security - Study Group 7	2000	ITU-T	0
4459	H.262	Information Technology - Generic Coding of Moving Pictures and Associated Audio Information: Video Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Coding of Moving Video	2000	ITU-T	0
4460	G.824	Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbit/s Hierarchy - Series G: Transmission Systems and Media, Digital Systems and Networks Digital Transmission Systems - Digital Networks - Quality and Availability Targets -	2000	ITU-T	0
4461	I.610 CORR.1	B-ISDN Operation and Maintenance Principles and Functions Corrigendum 1 Series I: Integrated Services Digital Network Maintenance Principles - Study Group 13	2000	ITU-T	0
4462	V.8	Procedures for Starting Sessions of Data Transmission over the Public Switched Telephone Network - Series V: Data Communication over the Telephone Network - General - Study Group 16	2000	ITU-T	0

4463	E.191	B-ISDN addressing - Study Group 2	2000	ITU-T	0
4464	Z.600	Distributed Processing Environment Architecture Series Z: Languages and General Software Aspects for Telecommunication Systems - Study Group 10	2000	ITU-T	0
4465	T.503	Document Application Profile for the Interchange of Group 4 Facsimile Documents Series T: Terminals for Telematic Services - Study Group 8; 39pp	2000	ITU-T	0
4466	M.3000	Overview of TMN Recommendations - Study Group 4	2000	ITU-T	0
4467	T.88	Information Technology - Lossy/Lossless Coding of Bi-Level Images Series T: Terminals for Telematic Services	2000	ITU-T	0
4468	Q.2931 B	Broadband integrated services digital network (B-ISDN) - Digital subscriber signalling system No. 2 (DSS2) - User-network interface (UNI) layer 3 specification for basic call/connection control: Protocol implementation conformance statement (PICS) proform	2000	ITU-T	0
4469	G.828	Error Performance Parameters and Objectives for International, Constant Bit Rate Synchronous Digital Paths - Series G: Transmission Systems and Media, Digital Systems and Networks Digital Transmission Systems - Digital Networks - Quality and Availability	2000	ITU-T	0
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4471	Q.2931 E	Broadband integrated services digital network (B-ISDN) - Digital subscriber signalling system No. 2 (DSS2) - User-network interface (UNI) layer 3 specification for basic call/connection control: Test suite structure and test purposes (TSS & TP) for th	2000	ITU-T	0
4472	X.843	Information Technology - Security Techniques - Specification of TTP Services to Support the Application of Digital Signatures Series X: Data Networks and Open System Communications Security - Study Group 7	2000	ITU-T	0
4473	I.480	1+1 Protection Switching for Cell-Based Physical Layer Series I: Integrated Services Digital Network ISDN User-Network Interfaces - Aspects of ISDN Affecting Terminal Requirements - Study Group 13	2000	ITU-T	0
4474	H.262 AMD 1	Information technology Generic coding of moving pictures and associated audio information: Video Amendment 1: Video elementary stream content description data - Study Group 16	2000	ITU-T	0
4475	A.13	Supplements to ITU-T Recommendations Series A: Organization of the Work of ITU-T	2000	ITU-T	0
4476	X.751 CORR 2	Information Technology - Open Systems Interconnection - Systems Management: Changeover Function Series X: Data Networks and Open System Communications - OSI Management - Management Functions and ODMA Functions - Technical Corrigendum 2; Study Group 4	2000	ITU-T	0
4477	M.2140	Transport network event correlation - Study Group 4	2000	ITU-T	0
4478	Q.1238.7	Interface Recommendation for Intelligent Network Capability Set 3: SCF-CUSF Interface Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4479	X.225 CORR 1	Information Technology - Open Systems Interconnection - Connection-Oriented Session Protocol: Protocol Specification Series X: Data Networks and Open System Communications Open Systems Interconnection - Connection-Mode Protocol Specifications - Corrigendu	2000	ITU-T	0
4480	L.45	Minimizing the effect on the environment from the outside plant in telecommunication networks - Study Group 6	2000	ITU-T	0
4481	G.805	Generic Functional Architecture of Transport Networks Series G: Transmission Systems and Media, Digital Systems and Networks Digital Networks - General Aspects - Study Group 13	2000	ITU-T	0
4482	T.137	Virtual Meeting Room Management for Multimedia Conferencing Audiovisual Control Series T: Terminals for Telematic Services - Study Group 16	2000	ITU-T	0
4483	SERIES Q SUPP 33	Technical Report TRQ.2401: Transport Control Signalling Requirements - Signalling Requirements for AAL Type 2 Link Control Capability Set 2 Series Q: Switching and Signalling - Study Group 11	2000	ITU-T	0
4484	M.3010	Principles for a Telecommunications Management Network - Study Group 4	2000	ITU-T	0
4485	O.1	Scope and Application of Measurement Equipment Specifications Covered in the O-Series Recommendations - Series O: Specifications of Measuring Equipment General - Study Group 4	2000	ITU-T	0
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4487	E.745	Cell Level Measurement Requirements for the B-ISDN Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Quality of Service, Network Management and Traffic Engineering - Traffic Engineering - ISDN Traffic Engineering	2000	ITU-T	0
4488	Q.2722.1 AMD 1	B-ISDN User Part - Network Node Interface Specification for Point-to-Multipoint Call/Connection Control Amendment 1 Series Q: Switching and Signalling Broadband ISDN - B-ISDN Application Protocols for the Network Signalling - Study Group 11	2000	ITU-T	0
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4490	Y.101	Global Information Infrastructure Technology - Terms and Definition Series Y: Global Information and Infrastructure and Internet Protocol Aspects Global Information Infrastructure - General	2000	ITU-T	0
4491	J.118	Access Systems for Interactive Services on SMATV/MATV Networks Series J: Transmission of Television, Sound Programme and Other Multimedia Signals Interactive Systems for Digital Television Distribution - Study Group 9	2000	ITU-T	0
4492	Q.814	Specification of an Electric Data Interchange Interactive Agent Series Q: Switching and Signalling Specifications of Signalling System No. 7 - Q3 Interface - Study Group 4	2000	ITU-T	0
4493	X.28 AMD 1	DTE/DCE Interface for a Start-Stop Mode Data Terminal Equipment Accessing the Packet Assembly/Disassembly Facility (PAD) in a Public Data Network Situated in the Same Country Amendment 1: Extensions of PAD Parameter Settings and PAD Service Signals Series	2000	ITU-T	0
4494	E.195	ITU-T International Numbering Resource Administration Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operation - Numbering Plan of the International Telephone Service - Study Group 2; 16 pp	2000	ITU-T	0
4495	I.311 AMD 1	B-ISDN General Network Aspects Amendment 1 Series I: Integrated Services Digital Network Overall Network Aspects and Functions - Network Functional Principles - Study Group 13	2000	ITU-T	0
4496	H.248.6	Gateway Control Protocol: Dynamic Tone Definition Package Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Communication Procedure - Study Group 16	2000	ITU-T	0
4497	Q.2961 D	Digital subscriber signalling system No. 2 (DSS2) Additional traffic parameters: Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for the user - Study Group 11	2000	ITU-T	0
4498	Y.140	Pre-published Global Information Infrastructure (GII): Reference Points for Interconnection Framework Series Y: Global Information Infrastructure and Internet Protocol Aspects Global Information Infrastructure - General	2000	ITU-T	0
4499	X.228 CORR 1	Reliable transfer: Protocol specification Corrigendum 1 - Study Group 7	2000	ITU-T	0
4500	Q.2931 F	Broadband integrated services digital network(B-ISDN)-Digital subscriber signalling system No.2(DSS2)-User-network interface(UNI)layer 3 spec. for basic call/connection control:Abstract Test Suite(ATS)and partial Protocol Implementation eXtra Information	2000	ITU-T	0
4501	X.738 CORR 2	Information technology - Open Systems Interconnection - Systems management: Summarization function Technical Corrigendum 2 - Study Group 4	2000	ITU-T	0
4502	Q.785.2 AMD 1	ISUP97 Supplementary Services - Test Suite Structure and Test Purposes (TSS & TP) Amendment 1: New Appendix I - Additional Test Configuration for ISUP97 Supplementary Services Series Q: Switching and Signalling Specifications of Signalling System No.	2000	ITU-T	0
4503	G.108 NOTE	Application of the E-model: A planning guide	2000	ITU-T	0
4504	X.6 AMD 1	Multicast Service Definition Amendment 1: Frame Relay PVC Multicast Service Definition Series X: Data Networks and Open System Communications Public Data Networks - Services and Facilities - Study Group 7	2000	ITU-T	0
4505	X.741 CORR 3	Information Technology - Open Systems Interconnection - Systems Management: Objects and Attributes for Access Control Series X: Data Networks and Open System Communications OSI Management - Management Functions and ODMA Functions - Corrigendum 3; Study Gr	2000	ITU-T	0
4506	G.975	Forward Error Correction for Submarine Systems Series G: Transmission Systems and Media, Digital Systems and Networks Digital Sections and Digital Line System - Optical Fibre Submarine Cable Systems - Study Group 15; 24 pgs	2000	ITU-T	0
4507	F.116	Service features and operational provisions in IMT-2000 - Study Group 2, 17 pp	2000	ITU-T	0
4508	Y.130	Information Communication Architecture Series Y: Global Information Infrastructure and Internet Protocols Aspects Global Information Infrastructure - General	2000	ITU-T	0

4509	Q.2961 E	Digital subscriber signalling system No. 2 (DSS2) Additional traffic parameters: Test suite structure and test purposes (TSS & TP) for the network - Study Group 11	2000	ITU-T	0
4510	Q.1238.4	Interface Recommendation for Intelligent Network Capability Set 3: SCF-SDF Interface Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4511	Q.765.4	Signalling System No. 7 - Application Transport Mechanism: Support of the Generic Addressing and Transport Protocol Series Q: Switching and Signalling Specifications of Signalling System No. 7 - ISDN User Part - Study Group 11	2000	ITU-T	0
4512	I.363.2	B-ISDN ATM Adaptation Layer Specification: Type 2 AAL Series I: Integrated Services Digital Network - Overall Network Aspects and Functions - Protocol Layer Requirements - Study Group 13	2000	ITU-T	0
4513	X.121	International Numbering Plan for Public Data Networks Series X: Data Networks and Open System Communications Public Data Networks - Network Aspects - Study Group 7	2000	ITU-T	0
4514	E.350	Dynamic Routing Interworking - Study Group 2, 48 pp	2000	ITU-T	0
4515	E.416	Network Management Principles and Functions for B-ISDN Traffic Series E: Overall Network Operation, Telephone Service, Service, Operation and Human Factors Quality of Service, Network Management and Traffic Engineering - Network Management - International	2000	ITU-T	0
4516	Q.765	Signalling System No. 7 - Application Transport Mechanism - Series Q: Switching and Signalling Specifications of Signalling System No. 7 - ISDN User Part - Study Group 11	2000	ITU-T	0
4517	X.722 CORR 2	SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS OSI management Structure of Management Information Information technology Open Systems Interconnection Structure of management information: Guidelines for the definition of managed objects Technical C	2000	ITU-T	0
4518	I.355	ISDN 64 kbit/s Connection Type Availability Performance Series I: Integrated Services Digital Network Overall Network Aspects and Functions Performance Objectives - Study Group 13	2000	ITU-T	0
4519	J.120	Distribution of Sound and Television Programs over the IP Network Series J: Transmission of Television, Sound Programme and Other Multimedia Signals Interactive Systems for Digital Television Distribution	2000	ITU-T	0
4520	T.140 ADD 1	Protocol for Multimedia Application Text Conversation Addendum 1 Series T: Terminals for Telematic Services - Study Group 16	2000	ITU-T	0
4521	T.417 AMD 2	Information Technology - Open Document Architecture (ODA) and Interchange Format: Raster Graphics Content Architectures Amendment 2 Series T: Terminals for Telematic Services	2000	ITU-T	0
4522	Y.1301	Framework for Optical Transport Network Recommendations Series Y: Global Information Infrastructure and Internet Protocol Aspects Internet Protocol Aspects - Transport - Study Group 15	2000	ITU-T	0
4523	Q.2931 D	Broadband integrated services digital network (B-ISDN)-Digital subscriber signalling system No. 2(DSS2)-User-network interface (UNI) Layer 3 spec. for basic call/connection control: Abstract test suite (ATS)and partial Protocol Implementation eXtra Inform	2000	ITU-T	0
4524	I.572	VSAT Interconnection with the PSTN - Series I: Integrated Services Digital Network Internetwork Interfaces - Study Group 13	2000	ITU-T	0
4525	M.2102	Maintenance thresholds and procedures for recovery mechanisms (protection and restoration) of international SDH VC trails (paths) and multiplex sections - Study Group 4	2000	ITU-T	0
4526	X.34 CORR 1	Access to Packet Switched Data Transmission Services Via B-ISDN Corrigendum 1 Series X: Data Networks and Open System Communications Public Data Networks - Interface - Study Group 7	2000	ITU-T	0
4527	J.142	Methods for the Measurement of Parameters in the Transmission of Digital Cable Television Signals Series J: Transmission of Television, Sound Programme and Other Multimedia Signals Measurement of the Quality of Service - Study Group 9	2000	ITU-T	0
4528	Q.815	Specification of a Security Module for Whole Message Protection Series Q: Switching and Signalling Specifications of Signalling System No. 7 - Q3 Interface - Study Group 4	2000	ITU-T	0
4529	G.711 APP II	Pulse Code Modulation (PCM) of Voice Frequencies Appendix II: A Comfort Noise Payload Definition for ITU-T G.711 Use in Packet-Based Multimedia Communication Systems - Series G: Transmission Systems and Media, Digital Systems and Networks Digital Transmis	2000	ITU-T	0
4530	V.8 BIS	Procedures for the identification and selection of common modes of operation between data circuit-terminating equipments (DCEs) and between data terminal equipments (DTEs) over the public switched telephone network and on leased point-to-point telephone-t	2000	ITU-T	0

4531	Q.821	Stage 2 and Stage 3 Description for the Q3 Interface - Alarm Surveillance Series Q: Switching and Signalling Q3 Interface - Study Group 4	2000	ITU-T	0
4532	Q.2963.1 B	Digital subscriber signalling system No. 2 Connection modification: Peak cell rate modification by the connection owner: Protocol implementation conformance statement (PICS) proforma - Study Group 11	2000	ITU-T	0
4533	SERIES Q SUPP 34	Technical Report TRQ.2410: Signalling Requirements Capability Set 1 for Support of IP Bearer Control in BICC Networks Series Q: Switching and Signalling - Study Group 11	2000	ITU-T	0
4534	X.272	Data Compression and Privacy over Frame Relay Networks Series X: Data Networks and Open System Communications Open Systems Interconnection - Security Protocols - Study Group 7	2000	ITU-T	0
4535	Y.1001	IP Framework - A Framework for Convergence of Telecommunications Network and IP Network Technologies Series Y: Global Information Infrastructure and Internet Protocol Aspects Internet Protocol Aspects - General	2000	ITU-T	0
4536	Q.762 ADD 1	Signalling System No. 7 ISDN user part general functions of messages and signals Addendum 1 - Study Group 11	2000	ITU-T	0
4537	I.356	B-ISDN ATM Layer Cell Transfer Performance Series I: Integrated Services Digital Network Overall Network Aspects and Functions - Performance Objectives - Study Group 13	2000	ITU-T	0
4538	F.703	Multimedia Conversational Services Series F: Non-Telephone Telecommunication Services Audiovisual Services - Study Group 16; 22 pp	2000	ITU-T	0
4539	L.40	Optical fibre outside plant maintenance support, monitoring and testing system - Study Group 6	2000	ITU-T	0
4540	SERIES Q SUPP 31	Technical Report TRQ.2141.0: Signalling Requirements for the Support of Narrowband Services Over Broadband Transport Technologies - Capability Set 2 (CS-2) Series Q: Switching and Signalling - Study Group 11	2000	ITU-T	0
4541	M.3208.3	TMN Management Services for Dedicated and Reconfigurable Circuits Network: Virtual Private Network service - Study Group 4	2000	ITU-T	0
4542	Q.1238.3	Interface Recommendation for Intelligent Network Capability Set 3: SCF-SRF Interface Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4543	X.737 CORR 2	Information technology Open Systems Interconnection Systems management: Confidence and diagnostic test categories Technical Corrigendum 2 - Study Group 4	2000	ITU-T	0
4544	H.262 CORR 1	Information Technology - Generic Coding of Moving Pictures and Associated Audio Information: Video Series H: Audiovisual and Multimedia Systems Infrastructure of Audiovisual Services - Coding of Moving Video - Technical Corrigendum 1; Study Group 16	2000	ITU-T	0
4545	Q.2961 F	Digital subscriber signalling system No. 2 (DSS2) Additional traffic parameters: Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for the network - Study Group 11	2000	ITU-T	0
4546	I.610 AMD 1	B-ISDN Operation and Maintenance Principles and Functions - Series I: Integrated Services Digital Network Maintenance Principles - Amendment 1; Study Group 13	2000	ITU-T	0
4547	Q.950	Supplementary Services Protocols, Structure and General Principles Series Q: Switching and Signalling Digital Subscriber Signalling System No.1 - Stage 3 Description for Supplementary Services Using DSS 1 - Study Group 11	2000	ITU-T	0
4548	Q.860	Integrated services digital network (ISDN) and broadband integrated services digital network (B-ISDN) generic addressing and transport (GAT) protocol - Study Group 11	2000	ITU-T	0
4549	Q.2962 B	Digital subscriber signalling system No. 2 Connection characteristics negotiation during call/connection establishment phase: Protocol implementation conformance statement (PICS) proforma - Study Group 11	2000	ITU-T	0
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4551	G.961 NOTE	Digital transmission system on metallic local lines for ISDN basic rate access	2000	ITU-T	0
4552	M.1532	Network Maintenance Service Performance Agreement (MSPA) Series M: TMN and Network Maintenance: International Transmission Systems, Telephone Circuits, Telegraphy, Facsimile and Leased Circuits Designations and Information Exchange - Study Group 4	2000	ITU-T	0
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4562	F.852	Universal personal telecommunication (UPT) Service description (service set 2) - Study Group 2	2000	ITU-T	0
4563	E.726	Network grade of service parameters and target values for B-ISDN - Study Group 2; 22 pp	2000	ITU-T	0
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4565	Q.2965.2 B	Digital subscriber signalling system No. 2 - Signalling of individual Quality of Service parameters: Protocol Implementation Conformance Statement (PICS) proforma - Study Group 11	2000	ITU-T	0
4566	V.59	Managed objects for diagnostic information of public switched telephone network connected V-series modem DCEs - Study Group 16	2000	ITU-T	0
4567	Q.1238.5	Interface Recommendation for Intelligent Network Capability Set 3: SDF-SDF Interface Series Q: Switching and Signalling Intelligent Network - Study Group 11	2000	ITU-T	0
4568	Q.1238.1	Interface Recommendation for Intelligent Network Capability Set 3: Common Aspects Series Q: Switching and Signalling Intelligent Network	2000	ITU-T	0
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4571	Q.2962 C	Digital subscriber signalling system No. 2 Connection characteristics negotiation during call/connection establishment phase: Test suite structure and test purposes (TSS & TP) for the user - Study Group 11	2000	ITU-T	0
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4585	M.3208.1 CORR 1	TMN Management Services for Dedicated and Reconfigurable Circuits Network: Leased Circuit Services Corrigendum 1 - Study Group 4	2000	ITU-T	0
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4587	L.39	Investigation of the Soil Before Using Trenchless Techniques Series L: Construction, Installation and Protection of Cables and Other Elements Of Outside Plant - Study Group 6	2000	ITU-T	0
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4589	Q.2963.1 D	Digital subscriber signalling system No. 2 Connection modification: Peak cell rate modification by the connection owner: Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for the user - Study Grou	2000	ITU-T	0
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4591	V.110	Support by an ISDN of Data Terminal Equipments with V-Series Type Interfaces Series V: Data Communication over the Telephone Network Interworking with Other Networks - Study Group 16; 70 pp	2000	ITU-T	0
4592	E.169.3	Application of Recommendation E.164 Numbering Plan for Universal International Shared Cost Numbers for the International Shared Cost Service Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors International Operatio	2000	ITU-T	0
4593	Y.1231	IP Access Network Architecture Series Y: Glabal Information Infrastructure and Internet Protocol Aspects Internet Protocol Aspects - Architecture, Access, Network Capabilities and Resource Management - Study Group 13	2000	ITU-T	0
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4596	X.750 CORR. 1	Information Technology - Open Systems Interconnection - Systems Management: Management Knowledge Management Function - Series X: Data Networks and Open System Communication - OSI Management - Management Functions and ODMA Functions - Technical Corrigendum	2000	ITU-T	0
4597	G.992.1 ANX H	Asymmetric Digital Subscriber Line (ADSL) Tranceivers Annex H: Specific Requirements for a Synchronized Symmetrical DSL (SSDSL) System Operating in the Same Cable Binder as ISDN as Defined in ITU-T G.961 Appendix III Series G: Transmission Systems and Medi	2000	ITU-T	0
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4612	E.193	E.164 Country Code Expansion Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Operation, Numbering, Routing and Mobile Services - International Operation - Numbering Plan of the International Telephone Service -	2000	ITU-T	0
4613	E.352	Routing Guidelines for Efficient Routing Methods - Study Group 2	2000	ITU-T	0
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4654	Q.832.2	VB5.2 Management	1999	ITU-T	0
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5084	Q.81.7	Stage 2 Description for Number Identification Supplementary Services: Malicious Call Identification (MCID) - Study Group 11; 28 pp	1997	ITU-T	0
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5087	E.501	Estimation of Traffic Offered in the Network - Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Quality of Service, Network Management and Traffic Engineering - Traffic Engineering - Measurement and Recording of	1997	ITU-T	0

5088	Q.2939.1	Digital Subscriber Signalling System No. 2 - Application of DSS 2 Service-Related Information Elements by Equipment Supporting B-ISDN Services Series Q: Switching and Signalling Broadband ISDN - B-ISDN Application Protocols for Access Signalling - Study G	1997	ITU-T	0
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5096	L.17 APPENDIX I	Implementation of Connecting Customers into the Public Switched Telephone Network (PSTN) Via Optical Fibres - Series L: Construction, Installation and Protection of Cables and Other Elements of Outside Plant - Appendix I: Examples of Possible Applications	1997	ITU-T	0
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5098	Q.1600	Signalling System No. 7 - Interaction Between ISUP and INAP Series Q: Switching and Signalling Intelligent Network - Study Group 11; 58 pp	1997	ITU-T	0
5099	Q.1220	Q.1220-series Intelligent Network Capability Set 2 Recommendation structure - Study Group 11	1997	ITU-T	0
5100	T.416 CORR 1	Information Technology - Open Document Architecture (ODA) and Interchange Format: Character Content Architectures; Technical Corrigendum 1 - Series T: Terminals for Telematic Services	1997	ITU-T	0
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5102	X.350	General Interworking Requirements to Be Met for Data Transmission in International Public Mobile Satellite Systems - Interworking between Networks - Satellite Data Transmission Systems Series X: Data Networks and Open System Communication	1997	ITU-T	0
5103	E.116	International Telecommunication Charge Card Service - Series E: Overall Network Operation, Telephone Service, Service Operation and Human Factors Operation, Numbering, Routing and Mobile Services - International Operation - General Provisions Concerning A	1997	ITU-T	0
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5105	Q.1202	Intelligent Network - Service Plane Architecture - Series Q: Switching and Signalling - Intelligent Network - Same as RECMN I.328; Study Group 11; 25 pp	1997	ITU-T	0
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5108	Q.823.1	Management Conformance Statement Proformas - Series Q: Switching and Signalling Specifications of Signalling System No. 7 - Q3 Interface - Study Group 4; 293 pp	1997	ITU-T	0

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5111	T.412 CORR 1	Information Technology - Open Document Architecture (ODA) and Interchange Format: Document Structures; Technical Corrigendum 1 - Series T: Terminals for Telematic Services	1997	ITU-T	0
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6380	S.17	ANSWER - BACK UNIT SIMULATORS	1988	ITU-T	0
6381	X.324	GENERAL ARRANGEMENTS FOR INTERWORKING BETWEEN PACKET SWITCHED PUBLIC DATA NETWORKS (PSPDNs) AND PUBLIC MOBILE SYSTEMS FOR THE PROVISION OF DATA TRANSMISSION SERVICES	1988	ITU-T	0
6382	Q.621	LOGIC PROCEDURES FOR OUTGOING SIGNALLING SYSTEM NO. 4	1988	ITU-T	0
6383	Q.113	CONNECTION OF SIGNAL RECEIVERS IN THE CIRCUIT	1988	ITU-T	0

6384	V.7	DEFINITIONS OF TERMS CONCERNING DATA COMMUNICATION OVER THE TELEPHONE NETWORK	1988	ITU-T	0
6385	M.460	BRINGING INTERNATIONAL GROUP, SUPERGROUP, ETC., LINKS INTO SERVICE	1988	ITU-T	0
6386	N.15	MAXIMUM PERMISSIBLE POWER DURING AN INTERNATIONAL SOUND-PROGRAMME TRANSMISSION	1988	ITU-T	0
6387	I.412	ISDN USER-NETWORK INTERFACES INTERFACE STRUCTURES AND ACCESS CAPABILITIES	1988	ITU-T	0
6388	M.15	MAINTENANCE CONSIDERATIONS FOR NEW SYSTEMS	1988	ITU-T	0
6389	S.5	STANDARDIZATION OF PAGE - PRINTING START - STOP EQUIPMENT AND COOPERATION BETWEEN PAGE - PRINTING AND TAPE - PRINTING START - STOP EQUIPMENT (ITA2)	1988	ITU-T	0
6390	J.18	CROSSTALK IN SOUND - PROGRAMME CIRCUITS SET UP ON CARRIER SYSTEMS	1988	ITU-T	0
6391	I.420	BASIC USER-NETWORK INTERFACE	1988	ITU-T	0
6392	X.302	DESCRIPTION OF THE GENERAL ARRANGEMENTS FOR INTERNAL NETWORK UTILITIES WITHIN A SUBNETWORK AND INTERMEDIATE UTILITIES BETWEEN SUBNETWORKS FOR THE PROVISION OF DATA TRANSMISSION SERVICES	1988	ITU-T	0
6393	R.60	CONDITIONS TO BE FULFILLED BY REGENERATIVE REPEATERS FOR START-STOP SIGNALS OF INTERNATIONAL TELEGRAPH ALPHABET No. 2	1988	ITU-T	0
6394	Q.31	NOISE IN A NATIONAL 4-WIRE AUTOMATIC EXCHANGE	1988	ITU-T	0
6395	I.232.1	PACKET-MODE BEARER SERVICE CATEGORIES VIRTUAL CALL AND PERMANENT VIRTUAL CIRCUIT BEARER SERVICE CATEGORY	1988	ITU-T	0
6396	M.580	SETTING UP AND LINING UP AN INTERNATIONAL CIRCUIT FOR PUBLIC TELEPHONY	1988	ITU-T	0
6397	P.32	EVALUATION OF THE EFFICIENCY OF TELEPHONE BOOTHS AND ACOUSTING HOODS	1988	ITU-T	0
6398	S.140	DEFINITIONS OF ESSENTIAL TECHNICAL TERMS RELATING TO APPARATUS FOR ALPHABETIC TELEGRAPHY	1988	ITU-T	0
6399	R.35	STANDARDIZATION OF FMVFT SYSTEMS FOR A MODULATION RATE OF 50 BAUDS	1988	ITU-T	0
6400	J.41	CHARACTERISTICS OF EQUIPMENT FOR THE CODING OF ANALOGUE HIGH QUALITY SOUND PROGRAMME SIGNALS FOR TRANSMISSION ON 384 kbit/s CHANNELS	1988	ITU-T	0
6401	M.525	Automatic Maintenance Procedures for International Group, Supergroup, Etc., Links - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6402	R.43	SIMULTANEOUS COMMUNICATION BY TELEPHONE AND TELEGRAPH ON A TELEPHONE-TYPE CIRCUIT	1988	ITU-T	0
6403	X.50	FUNDAMENTAL PARAMETERS OF A MULTIPLEXING SCHEME FOR THE INTERNATIONAL INTERFACE BETWEEN SYNCHRONOUS DATA NETWORKS	1988	ITU-T	0
6404	U.8	HYPOTHETICAL REFERENCE CONNECTIONS FOR TELEX AND GENTEX NETWORKS	1988	ITU-T	0
6405	SERIES E.300 SUPP 4	Treatment of calls considered as terminating abnormally	1988	ITU-T	0
6406	M.330	NUMBERING OF GROUPS WITHIN A SUPERGROUP	1988	ITU-T	0
6407	Q.683	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R2 TO No. 6	1988	ITU-T	0
6408	O.27	In-Station Echo Cancellor Test Equipment	1988	ITU-T	0
6409	M.32	PRINCIPLES FOR USING ALARM INFORMATION FOR MAINTENANCE OF INTERNATIONAL TRANSMISSION SYSTEMS AND EQUIPMENT	1988	ITU-T	0
6410	U.5	REQUIREMENTS TO BE MET BY REGENERATIVE REPEATERS IN INTERNATIONAL CONNECTIONS	1988	ITU-T	0
6411	X.150	PRINCIPLES OF MAINTENANCE TESTING FOR PUBLIC DATA NETWORKS USING DATA TERMINAL EQUIPMENT (DTE) AND DATA CIRCUIT-TERMINATING EQUIPMENT (DCE) TEST LOOPS	1988	ITU-T	0
6412	R.38 A	STANDARDIZATION OF FMVFT SYSTEM FOR A MODULATION RATE OF 200 BAUDS WITH CHANNELS SPACED AT 480 Hz	1988	ITU-T	0
6413	S.11	USE OF START - STOP REPERFORATING EQUIPMENT FOR PERFORATED TAPE RETRANSMISSION	1988	ITU-T	0
6414	X.55	INTERFACE BETWEEN SYNCHRONOUS DATA NETWORKS USING A 6 + 2 ENVELOPE STRUCTURE AND SINGLE CHANNEL PER CARRIER (SCPC) SATELLITE CHANNELS	1988	ITU-T	0

6415	V.22 BIS	2400 BITS PER SECOND DUPLEX MODEM USING THE FREQUENCY DIVISION TECHNIQUE STANDARDIZED FOR USE ON THE GENERAL SWITCHED TELEPHONE NETWORK AND ON POINT-TO-POINT 2-WIRE LEASED TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6416	Q.106	The sending - finished signal	1988	ITU-T	0
6417	Q.108	One-way or both-way operation of international circuits	1988	ITU-T	0
6418	R.90	ORGANIZATION FOR LOCATING AND CLEARING FAULTS IN INTERNATIONAL TELEGRAPH SWITCHED NETWORKS	1988	ITU-T	0
6419	Q.940	ISDN User-Network Interface Protocol for Management - General Aspects - Digital Subscriber Signalling System No. 1 (DSS 1), Network Layer, User-Network Management (Study Group XI) 11 pp	1988	ITU-T	0
6420	K.5	JOINT USE OF POLES FOR ELECTRICITY DISTRIBUTION AND FOR TELECOMMUNICATIONS	1988	ITU-T	0
6421	M.730	MAINTENANCE METHODS	1988	ITU-T	0
6422	X.58	FUNDAMENTAL PARAMETERS OF A MULTIPLEXING SCHEME FOR THE INTERNATIONAL INTERFACE BETWEEN SYNCHRONOUS NON-SWITCHED DATA NETWORKS USING NO ENVELOPE STRUCTURE	1988	ITU-T	0
6423	SERIES E.800 SUPP 7	Guide for evaluating and implementing alternate routing networks	1988	ITU-T	0
6424	Q.117	ALARMS FOR TECHNICAL STAFF AND ARRANGEMENTS IN CASE OF FAULTS	1988	ITU-T	0
6425	M.560	INTERNATIONAL TELEPHONE CIRCUITS - PRINCIPLES, DEFINITIONS AND RELATIVE TRANSMISSION LEVELS - Study Group IV	1988	ITU-T	0
6426	M.830	Routine measurements to be made on international voice-frequency telegraph links	1988	ITU-T	0
6427	R.70	DESIGNATION OF INTERNATIONAL TELEGRAPH CIRCUITS	1988	ITU-T	0
6428	R.20	TELEGRAPH MODEM FOR SUBSCRIBER LINES	1988	ITU-T	0
6429	V.50	STANDARD LIMITS FOR TRANSMISSION QUALITY OF DATA TRANSMISSION	1988	ITU-T	0
6430	Q.611	LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM No. 4	1988	ITU-T	0
6431	J.15	Lining - up and Monitoring an International Sound - Programme Connection	1988	ITU-T	0
6432	M.70	GUIDING PRINCIPLES ON THE GENERAL MAINTENANCE ORGANIZATION FOR TELEPHONE - TYPE INTERNATIONAL CIRCUITS	1988	ITU-T	0
6433	P.75	STANDARD CONDITIONING METHOD FOR HANDSETS WITH CARBON MICROPHONES	1988	ITU-T	0
6434	X.52	METHOD OF ENCODING ANISOCHRONOUS SIGNALS INTO A SYNCHRONOUS USER BEARER	1988	ITU-T	0
6435	T.10	DOCUMENT FACSIMILE TRANSMISSIONS ON LEASED TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6436	G.941	DIGITAL LINE SYSTEMS PROVIDED BY FDM TRANSMISSION BEARERS	1988	ITU-T	0
6437	N.51	DEFINITIONS FOR APPLICATION TO INTERNATIONAL TELEVISION TRANSMISSIONS	1988	ITU-T	0
6438	M.1016	ASSESSMENT OF THE SERVICE AVAILABILITY PERFORMANCE OF INTERNATIONAL LEASED CIRCUITS	1988	ITU-T	0
6439	R.73	MAINTENANCE MEASUREMENTS TO BE CARRIED OUT ON VFT SYSTEMS	1988	ITU-T	0
6440	N.12	MEASUREMENTS TO BE MADE DURING THE LINE - UP PERIOD THAT PRECEDES A SOUND - PROGRAMME TRANSMISSION	1988	ITU-T	0
6441	Q.666	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM No. 7 (TUP) TO R2	1988	ITU-T	0
6442	G.793	Characteristics of 60-Channel Transmultiplexing Equipments - General Aspects of Digital Transmission Systems; Terminal Equipments (Study Groups XV and XVIII) 9 pp	1988	ITU-T	0
6443	Q.103	NUMBERING USED	1988	ITU-T	0
6444	X.70	TERMINAL AND TRANSIT CONTROL SIGNALLING SYSTEM FOR START - STOP SERVICES ON INTERNATIONAL CIRCUITS BETWEEN ANISOCHRONOUS DATA NETWORKS	1988	ITU-T	0
6445	Q.603	INTERWORKING OF SIGNALLING SYSTEMS - EVENTS	1988	ITU-T	0
6446	M.733	Transmission routine maintenance measurements on automatic and semi-automatic telephone circuits	1988	ITU-T	0
6447	Q.20	Comparative advantages of "in-band" and "out-band" systems	1988	ITU-T	0

6448	V.15	USE OF ACOUSTIC COUPLING FOR DATA TRANSMISSION	1988	ITU-T	0
6449	R.30	TRANSMISSION CHARACTERISTIC FOR INTERNATIONAL VFT LINKS	1988	ITU-T	0
6450	P.16	SUBJECTIVE EFFECTS OF DIRECT CROSSTALK; THRESHOLDS OF AUDIBILITY AND INTELLIGIBILITY	1988	ITU-T	0
6451	M.1030	CHARACTERISTICS OF ORDINARY QUALITY INTERNATIONAL LEASED CIRCUITS FORMING PART OF PRIVATE SWITCHED TELEPHONE NETWORKS	1988	ITU-T	0
6452	G.952	DIGITAL LINE SYSTEMS BASED ON THE 2048 kbit/s HIERARCHY ON SYMMETRIC PAIR CABLES	1988	ITU-T	0
6453	X.131	CALL BLOCKING IN PUBLIC DATA NETWORKS WHEN PROVIDING INTERNATIONAL SYNCHRONOUS CIRCUIT-SWITCHED DATA SERVICES	1988	ITU-T	0
6454	X.352	INTERWORKING BETWEEN PACKET SWITCHED PUBLIC DATA NETWORKS AND PUBLIC MARITIME MOBILE SATELLITE DATA TRANSMISSION SYSTEMS	1988	ITU-T	0
6455	M.675	LINING UP AND MAINTAINING INTERNATIONAL DEMAND ASSIGNMENT CIRCUITS (SPADE)	1988	ITU-T	0
6456	K.7	PROTECTION AGAINST ACOUSTIC SHOCK	1988	ITU-T	0
6457	N.52	MULTIPLE DESTINATION TELEVISION TRANSMISSIONS AND COORDINATION CENTRES	1988	ITU-T	0
6458	M.910	Setting up and lining up an international leased group link for wide-spectrum signal transmission	1988	ITU-T	0
6459	Z.334	SUBSCRIBER ADMINISTRATION	1988	ITU-T	0
6460	Z.302	THE META-LANGUAGE FOR DESCRIBING MML SYNTAX AND DIALOGUE PROCEDURES	1988	ITU-T	0
6461	Q.642	Logic Procedures for Interworking of Signalling System No. 5 to No. 6	1988	ITU-T	0
6462	M.475	Setting up and Lining up Mixed Analogue/Digital Channels for International Telecommunication Services - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6463	K.13	INDUCED VOLTAGES IN CABLES WITH PLASTIC - INSULATED CONDUCTORS	1988	ITU-T	0
6464	U.22	SIGNALS INDICATING DELAY IN TRANSMISSION ON CALLS SET UP BY MEANS OF SYNCHRONOUS SYSTEMS WITH AUTOMATIC ERROR CORRECTION BY REPETITION	1988	ITU-T	0
6465	I.130	METHOD FOR THE CHARACTERIZATION OF TELECOMMUNICATION SERVICES SUPPORTED BY AN ISDN AND NETWORK CAPABILITIES OF AN ISDN	1988	ITU-T	0
6466	Q.1001	GENERAL ASPECTS OF PUBLIC LAND MOBILE NETWORKS	1988	ITU-T	0
6467	M.716	FAULT REPORT POINT (NETWORK)	1988	ITU-T	0
6468	O.61	SIMPLE EQUIPMENT TO MEASURE INTERRUPTIONS ON TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6469	Q.5	ADVANTAGES OF SEMI-AUTOMATIC SERVICE IN THE INTERNATIONAL TELEPHONE SERVICE	1988	ITU-T	0
6470	L.8	CORROSION CAUSED BY ALTERNATING CURRENT	1988	ITU-T	0
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6472	Q.1103	INTERWORKING BETWEEN SIGNALLING SYSTEM No. 5 AND INMARSAT STANDARD A SYSTEM	1988	ITU-T	0
6473	M.850	INTERNATIONAL TIME DIVISION MULTIPLEX (TDM) TELEGRAPH SYSTEMS	1988	ITU-T	0
6474	I.252.6	CALL OFFERING SUPPLEMENTARY SERVICES - LINE HUNTING (LH)	1988	ITU-T	0
6475	L.5	Cable Sheaths Made of Metals Other Than Lead or Aluminium	1988	ITU-T	0
6476	M.762	Maintenance of common channel Signalling System No. 6	1988	ITU-T	0
6477	G.791	General Considerations on Transmultiplexing Equipments - General Aspects of Digital Transmission Systems; Terminal Equipments (Study Groups XV and XVIII) 2 pp	1988	ITU-T	0
6478	I.220	COMMON DYNAMIC DESCRIPTION OF BASIC TELECOMMUNICATION SERVICES	1988	ITU-T	0
6479	Q.606	LOGIC PROCEDURES	1988	ITU-T	0
6480	U.41	CHANGED ADDRESS INTERCEPTION AND CALL REDIRECTION IN THE TELEX SERVICE	1988	ITU-T	0
6481	X.228	RELIABLE TRANSFER: PROTOCOL SPECIFICATION	1988	ITU-T	0
6482	M.1013	SUB-CONTROL STATION FOR LEASED AND SPECIAL CIRCUITS	1988	ITU-T	0
6483	Z.337	NETWORK MANAGEMENT ADMINISTRATION	1988	ITU-T	0

6484	O.163	EQUIPMENT TO PERFORM IN-SERVICE MONITORING ON 1544 kbit/s SIGNALS	1988	ITU-T	0
6485	M.110	CIRCUIT TESTING	1988	ITU-T	0
6486	Z.314	The character set and basic elements	1988	ITU-T	0
6487	Q.32	REDUCTION OF THE RISK OF INSTABILITY BY SWITCHING MEANS	1988	ITU-T	0
6488	N.3	CONTROL CIRCUITS	1988	ITU-T	0
6489	Q.114	TYPICAL TRANSMISSION REQUIREMENTS FOR SIGNAL SENDERS AND RECEIVERS	1988	ITU-T	0
6490	R.122	SUMMARY OF TRANSMISSION PLANS FOR RATES UP TO 300 BAUDS	1988	ITU-T	0
6491	M.300	DEFINITIONS CONCERNING INTERNATIONAL TRANSMISSION SYSTEMS	1988	ITU-T	0
6492	J.19	A CONVENTIONAL TEST SIGNAL SIMULATING SOUND - PROGRAMME SIGNALS FOR MEASURING INTERFERENCE IN OTHER CHANNELS	1988	ITU-T	0
6493	X.4	GENERAL STRUCTURE OF SIGNALS OF INTERNATIONAL ALPHABET No. 5 CODE FOR CHARACTER ORIENTED DATA TRANSMISSION OVER PUBLIC DATA NETWORKS	1988	ITU-T	0
6494	Q.654	Logic procedures for interworking of signalling system No. 6 to R1	1988	ITU-T	0
6495	M.719	TESTING POINT (SWITCHING AND INTERREGISTER SIGNALLING)	1988	ITU-T	0
6496	K.19	JOINT USE OF TRENCHES AND TUNNELS FOR TELECOMMUNICATION AND POWER CABLES - Study Group V	1988	ITU-T	0
6497	I.254.1	MULTIPARTY SUPPLEMENTARY SERVICES: CONFERENCE CALLING (CONF)	1988	ITU-T	0
6498	G.792	Characteristics Common to All Transmultiplexing Equipments - General Aspects of Digital Transmission Systems; Terminal Equipments (Study Groups XV and XVIII) 13 pp	1988	ITU-T	0
6499	V.26 TER	2400 BITS PER SECOND DUPLEX MODEM USING THE ECHO CANCELLATION TECHNIQUE STANDARDIZED FOR USE ON THE GENERAL SWITCHED TELEPHONE NETWORK AND ON POINT-TO-POINT 2-WIRE LEASED TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6500	L.11	Joint Use of Tunnels by Pipelines and Telecommunication Cables, and the Standardization of Underground Duct Plans	1988	ITU-T	0
6501	P.76	DETERMINATION OF LOUDNESS RATINGS; FUNDAMENTAL PRINCIPLES	1988	ITU-T	0
6502	M.160	Stability of Transmission	1988	ITU-T	0
6503	M.500	Routine Maintenance Measurements to Be Made on Regulated Line Sections - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6504	Z.317	MAN-MACHINE DIALOGUE PROCEDURES	1988	ITU-T	0
6505	Q.615	LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM R1	1988	ITU-T	0
6506	Q.30	IMPROVING THE RELIABILITY OF CONTACTS IN SPEECH CIRCUITS	1988	ITU-T	0
6507	U.25	REQUIREMENTS FOR TELEX AND GENTEX OPERATION TO BE MET BY CODE - AND SPEED-DEPENDENT TDM SYSTEMS CONFORMING TO RECOMMENDATION R.101	1988	ITU-T	0
6508	O.81	Group-delay measuring equipment for telephone-type circuits	1988	ITU-T	0
6509	S.3	TRANSMISSION CHARACTERISTICS OF THE LOCAL END WITH ITS TERMINATION (ITA2)	1988	ITU-T	0
6510	T.100	INTERNATIONAL INFORMATION EXCHANGE FOR INTERACTIVE VIDEOTEX	1988	ITU-T	0
6511	H.100	VISUAL TELEPHONE SYSTEMS	1988	ITU-T	0
6512	I.231.5	Circuit-mode bearer service categories - Circuit-mode 2 x 64 kbit/s unrestricted, 8 kHz structured bearer service	1988	ITU-T	0
6513	O.131	QUANTIZING DISTORTION MEASURING EQUIPMENT USING A PSEUDO-RANDOM NOISE TEST SIGNAL	1988	ITU-T	0
6514	I.334	Principles Relating ISDN Numbers/Subaddresses to the OSI Reference Model Network Layer Addresses	1988	ITU-T	0
6515	Q.21	SYSTEMS RECOMMENDED FOR OUT-BAND SIGNALLING	1988	ITU-T	0
6516	V.31 BIS	ELECTRICAL CHARACTERISTICS FOR SINGLE-CURRENT INTERCHANGE CIRCUITS USING OPTOCOUPERS	1988	ITU-T	0
6517	Q.673	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R1 TO No. 7 (TUP)	1988	ITU-T	0

6518	F.51	INTERWORKING BETWEEN THE TELEMESAGE SERVICE AND THE INTERNATIONAL PUBLIC TELEGRAM SERVICE	1988	ITU-T	0
6519	P.55	APPARATUS FOR THE MEASUREMENT OF IMPULSIVE NOISE	1988	ITU-T	0
6520	R.78	PILOT CHANNEL FOR AMVFT SYSTEMS	1988	ITU-T	0
6521	R.52	STANDARDIZATION OF INTERNATIONAL TEXTS FOR THE MEASUREMENT OF THE MARGIN OF START - STOP EQUIPMENT	1988	ITU-T	0
6522	SERIES G SUPP 35	Guidelines concerning the measurement of wander	1988	ITU-T	0
6523	M.620	METHODS FOR CARRYING OUT ROUTINE MEASUREMENTS ON CIRCUITS	1988	ITU-T	0
6524	G.954	DIGITAL LINE SYSTEMS BASED ON THE 2048 kbit/s HIERARCHY ON COAXIAL PAIR CABLES	1988	ITU-T	0
6525	V.19	MODEMS FOR PARALLEL DATA TRANSMISSION USING TELEPHONE SIGNALLING FREQUENCIES	1988	ITU-T	0
6526	Z.322	CAPABILITIES OF VISUAL DISPLAY TERMINALS	1988	ITU-T	0
6527	X.408	MESSAGE HANDLING SYSTEMS: ENCODED INFORMATION TYPE CONVERSION RULES	1988	ITU-T	0
6528	R.81	MAXIMUM ACCEPTABLE LIMIT FOR THE DURATION OF INTERRUPTION OF TELEGRAPH CHANNELS ARISING FROM FAILURE OF THE NORMAL POWER SUPPLIES	1988	ITU-T	0
6529	U.3	ARRANGEMENTS IN SWITCHING EQUIPMENT TO MINIMIZE THE EFFECTS OF FALSE CALLING SIGNALS	1988	ITU-T	0
6530	N.18	MONITORING FOR CHARGING PURPOSES, RELEASING	1988	ITU-T	0
6531	S.31	TRANSMISSION CHARACTERISTICS FOR START - STOP DATA TERMINAL EQUIPMENT USING INTERNATIONAL ALPHABET No. 5	1988	ITU-T	0
6532	G.711	PULSE CODE MODULATION (PCM) OF VOICE FREQUENCIES	1988	ITU-T	0
6533	S.15	USE OF THE TELEX NETWORK FOR DATA TRANSMISSION AT 50 BAUDS	1988	ITU-T	0
6534	M.410	NUMBERING OF DIGITAL BLOCKS IN TRANSMISSION SYSTEMS	1988	ITU-T	0
6535	V.2	POWER LEVELS FOR DATA TRANSMISSION OVER TELEPHONE LINES	1988	ITU-T	0
6536	I.410	GENERAL ASPECTS AND PRINCIPLES RELATING TO RECOMMENDATIONS ON ISDN USER-NETWORK INTERFACES	1988	ITU-T	0
6537	M.1350	Setting up, Lining up and Characteristics of International Data Transmission Systems Operating in the Range 2.4 kbit/s to 14.4 kbit/s	1988	ITU-T	0
6538	T.390	TELETEX REQUIREMENTS FOR INTERWORKING WITH THE TELEX SERVICE	1988	ITU-T	0
6539	J.16	Measurement of Weighted Noise in Sound - Programme Circuits	1988	ITU-T	0
6540	Q.684	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R2 TO No. 7 (TUP)	1988	ITU-T	0
6541	Q.544	DIGITAL EXCHANGE MEASUREMENTS	1988	ITU-T	0
6542	Q.1	SIGNAL RECEIVERS FOR MANUAL WORKING	1988	ITU-T	0
6543	V.27 TER	4800/2400 BITS PER SECOND MODEM STANDARDIZED FOR USE IN THE GENERAL SWITCHED TELEPHONE NETWORK	1988	ITU-T	0
6544	R.38 B	STANDARDIZATION OF FMVFT SYSTEMS FOR A MODULATION RATE OF 200 BAUDS WITH CHANNELS SPACED AT 360 Hz USABLE ON LONG INTERCONTINENTAL BEARER CIRCUITS GENERALLY USED WITH A 3-kHz SPACING	1988	ITU-T	0
6545	M.725	RESTORATION CONTROL POINT	1988	ITU-T	0
6546	Z.331	INTRODUCTION TO THE SPECIFICATION OF THE MAN-MACHINE INTERFACE	1988	ITU-T	0
6547	X.181	ADMINISTRATIVE ARRANGEMENTS FOR THE PROVISION OF INTERNATIONAL PERMANENT VIRTUAL CIRCUITS (PVCs)	1988	ITU-T	0
6548	R.53	PERMISSIBLE LIMITS FOR THE DEGREE OF DISTORTION ON AN INTERNATIONAL 50-BAUD/120-HZ VFT CHANNEL (FREQUENCY AND AMPLITUDE MODULATION)	1988	ITU-T	0
6549	M.722	NETWORK MANAGEMENT POINT	1988	ITU-T	0
6550	Q.23	TECHNICAL FEATURES OF PUSH-BUTTON TELEPHONE SETS	1988	ITU-T	0

6551	G.123	Circuit Noise in National Networks	1988	ITU-T	0
6552	I.330	ISDN NUMBERING AND ADDRESSING PRINCIPLES	1988	ITU-T	0
6553	SERIES E.300 SUPP 6	Preparation of information to customers travelling abroad	1988	ITU-T	0
6554	I.241.2	TELESERVICES SUPPORTED BY AN ISDN: TELETEX	1988	ITU-T	0
6555	M.600	ORGANIZATION OF ROUTINE MAINTENANCE MEASUREMENTS ON CIRCUITS	1988	ITU-T	0
6556	I.231.1	CIRCUIT-MODE BEARER SERVICE CATEGORIES CIRCUIT-MODE 64 kbit/s UNRESTRICTED, 8 kHz STRUCTURED BEARER SERVICE	1988	ITU-T	0
6557	O.91	PHASE JITTER MEASURING EQUIPMENT FOR TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6558	P.30	Transmission Performance of Group Audio Terminals (GATs)	1988	ITU-T	0
6559	I.200	GUIDANCE TO THE I.200-SERIES OF RECOMMENDATIONS	1988	ITU-T	0
6560	R.82	APPEARANCE OF FALSE CALLING AND CLEARING SIGNALS IN CIRCUITS OPERATED BY SWITCHED TELEPRINTER SERVICES	1988	ITU-T	0
6561	K.24	METHOD FOR MEASURING RADIO-FREQUENCY INDUCED NOISE ON TELECOMMUNICATIONS PAIRS	1988	ITU-T	0
6562	Q.612	Logic procedures for incoming signalling system No. 5	1988	ITU-T	0
6563	Q.27	TRANSMISSION OF THE ANSWER SIGNAL	1988	ITU-T	0
6564	T.71	LINK ACCESS PROTOCOL BALANCED (LAPB) EXTENDED FOR HALF - DUPLEX PHYSICAL LEVEL FACILITY	1988	ITU-T	0
6565	M.380	NUMBERING IN COAXIAL SYSTEMS	1988	ITU-T	0
6566	R.2	Element Error Rate	1988	ITU-T	0
6567	T.300	GENERAL PRINCIPLES OF TELEMATIC INTERWORKING	1988	ITU-T	0
6568	X.229	REMOTE OPERATIONS: PROTOCOL SPECIFICATION	1988	ITU-T	0
6569	M.1055	LINING UP AN INTERNATIONAL MULTITERMINAL LEASED CIRCUIT	1988	ITU-T	0
6570	U.23	USE OF RADIOTELEGRAPH CIRCUITS WITH ARQ EQUIPMENT FOR FULLY AUTOMATIC TELEX CALLS CHARGED ON THE BASIS OF ELAPSED TIME	1988	ITU-T	0
6571	K.14	PROVISION OF A METALLIC SCREEN IN PLASTIC-SHEATHED CABLES	1988	ITU-T	0
6572	SERIES D SUPP 2	Method for carrying out a cost price study by regional tariff groups	1988	ITU-T	0
6573	Q.607	INTERWORKING REQUIREMENTS FOR NEW SIGNALLING SYSTEMS	1988	ITU-T	0
6574	U.74	EXTRACTION OF TELEX SELECTION INFORMATION FROM A CALLING TELEX ANSWERBACK	1988	ITU-T	0
6575	R.4	METHODS FOR THE SEPARATE MEASUREMENTS OF THE DEGREES OF VARIOUS TYPES OF TELEGRAPH DISTORTION	1988	ITU-T	0
6576	Z.341	GLOSSARY OF TERMS	1988	ITU-T	0
6577	Q.44	ATTENUATION DISTORTION	1988	ITU-T	0
6578	Z.315	INPUT (COMMAND) LANGUAGE SYNTAX SPECIFICATION	1988	ITU-T	0
6579	M.120	ACCESS POINTS FOR MAINTENANCE	1988	ITU-T	0
6580	M.800	Use of circuits for voice-frequency telegraphy	1988	ITU-T	0
6581	Q.685	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R2 TO R1	1988	ITU-T	0
6582	X.24	LIST OF DEFINITIONS FOR INTERCHANGE CIRCUITS BETWEEN DATA TERMINAL EQUIPMENT (DTE) AND DATA CIRCUIT-TERMINATING EQUIPMENT (DCE) ON PUBLIC DATA NETWORKS	1988	ITU-T	0
6583	U.43	FOLLOW-ON CALLS	1988	ITU-T	0
6584	M.723	CIRCUIT CONTROL STATION	1988	ITU-T	0
6585	Q.80	INTRODUCTION TO STAGE 2 SERVICE DESCRIPTIONS FOR SUPPLEMENTARY SERVICES	1988	ITU-T	0
6586	Q.2	SIGNAL RECEIVERS FOR AUTOMATIC AND SEMI-AUTOMATIC WORKING, USED FOR MANUAL WORKING	1988	ITU-T	0

6587	U.20	TELEX AND GENTEX SIGNALLING ON RADIO CHANNELS (SYNCHRONOUS 7-UNIT SYSTEMS AFFORDING ERROR CORRECTION BY AUTOMATIC REPETITION)	1988	ITU-T	0
6588	X.353	ROUTING PRINCIPLES FOR INTERCONNECTING PUBLIC MARITIME MOBILE SATELLITE DATA TRANSMISSION SYSTEMS WITH PUBLIC DATA NETWORKS	1988	ITU-T	0
6589	R.76	RESERVE CHANNELS FOR MAINTENANCE MEASUREMENTS ON CHANNELS OF INTERNATIONAL VFT SYSTEMS	1988	ITU-T	0
6590	M.710	PERFORMANCE MONITORING ON INTERNATIONAL TRANSMISSION SYSTEMS AND EQUIPMENT	1988	ITU-T	0
6591	K.8	SEPARATION IN THE SOIL BETWEEN TELECOMMUNICATION CABLES AND EARTHING SYSTEM OF POWER FACILITIES	1988	ITU-T	0
6592	R.39	VOICE - FREQUENCY TELEGRAPHY ON RADIO CIRCUITS	1988	ITU-T	0
6593	SERIES X SUPP 1	SOME TEST RESULTS FROM SPECIFIC NATIONAL AND INTERNATIONAL PORTIONS	1988	ITU-T	0
6594	N.54	DEFINITION AND DURATION OF THE LINE-UP PERIOD AND THE PREPARATORY PERIOD	1988	ITU-T	0
6595	Q.48	Demand assignment signalling systems	1988	ITU-T	0
6596	M.665	TESTING OF ECHO CANCELLERS	1988	ITU-T	0
6597	SERIES D SUPP 1	Cost and tariff study method	1988	ITU-T	0
6598	R.74	CHOICE OF TYPE OF TELEGRAPH DISTORTION-MEASURING EQUIPMENT	1988	ITU-T	0
6599	X.20 BIS	Use on public data networks of Data Terminal Equipment (DTE) which is designed for interfacing to asynchronous duplex V-Series modems	1988	ITU-T	0
6600	Q.707	TESTING AND MAINTENANCE	1988	ITU-T	0
6601	Q.110	GENERAL ASPECTS OF THE UTILIZATION OF STANDARDIZED CCITT SIGNALLING SYSTEMS ON PCM LINKS	1988	ITU-T	0
6602	I.240	DEFINITION OF TELESERVICES	1988	ITU-T	0
6603	Q.118 BIS	Indication of congestion conditions at transit exchanges	1988	ITU-T	0
6604	I.601	General Maintenance Principles of ISDN Subscriber Access and Subscriber Installation - Integrated Services Digital Network (ISDN) Maintenance Principles	1988	ITU-T	0
6605	G.950	GENERAL CONSIDERATIONS ON DIGITAL LINE SYSTEMS	1988	ITU-T	0
6606	X.322	GENERAL ARRANGEMENTS FOR INTERWORKING BETWEEN PACKET SWITCHED PUBLIC DATA NETWORKS (PSPDNs) AND CIRCUIT SWITCHED PUBLIC DATA NETWORKS (CSPDNs) FOR THE PROVISION OF DATA TRANSMISSION SERVICES	1988	ITU-T	0
6607	Q.9	VOCABULARY OF SWITCHING AND SIGNALLING TERMS	1988	ITU-T	0
6608	M.734	Exchange of information on incoming test facilities at international switching centres	1988	ITU-T	0
6609	SERIES G SUPP 29	OBJECTIVE FOR THE MIXED ANALOGUE/DIGITAL CHAIN OF 4-WIRE CIRCUITS	1988	ITU-T	0
6610	Q.643	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM No.5 TO No.7 (TUP)	1988	ITU-T	0
6611	Q.522	DIGITAL EXCHANGE CONNECTIONS, SIGNALLING AND ANCILLARY FUNCTIONS	1988	ITU-T	0
6612	M.1040	CHARACTERISTICS OF ORDINARY QUALITY INTERNATIONAL LEASED CIRCUITS	1988	ITU-T	0
6613	M.1010	CONSTITUTION AND NOMENCLATURE OF INTERNATIONAL LEASED CIRCUITS	1988	ITU-T	0
6614	M.90	SUB-CONTROL STATIONS	1988	ITU-T	0
6615	Q.710	SIMPLIFIED MTP VERSION FOR SMALL SYSTEMS	1988	ITU-T	0
6616	Z.311	INTRODUCTION TO SYNTAX AND DIALOGUE PROCEDURES	1988	ITU-T	0
6617	Z.335	ROUTING ADMINISTRATION	1988	ITU-T	0
6618	R.91	GENERAL MAINTENANCE ASPECTS FOR THE MARITIME SATELLITE TELEX SERVICE	1988	ITU-T	0
6619	Q.511	EXCHANGE INTERFACES TOWARDS OTHER EXCHANGES	1988	ITU-T	0

6620	O.62	SOPHISTICATED EQUIPMENT TO MEASURE INTERRUPTIONS ON TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6621	Q.12	Overflow - alternative routing - rerouting - automatic repeat attempt	1988	ITU-T	0
6622	X.60	COMMON CHANNEL SIGNALLING FOR CIRCUIT SWITCHED DATA APPLICATIONS	1988	ITU-T	0
6623	R.57	STANDARD LIMITS OF TRANSMISSION QUALITY FOR PLANNING CODE - INDEPENDENT INTERNATIONAL POINT-TO-POINT TELEGRAPH COMMUNICATIONS AND SWITCHED NETWORKS USING 50-BAUD START-STOP EQUIPMENT	1988	ITU-T	0
6624	X.71	DECENTRALIZED TERMINAL AND TRANSIT CONTROL SIGNALLING SYSTEM ON INTERNATIONAL CIRCUITS BETWEEN SYNCHRONOUS DATA NETWORKS	1988	ITU-T	0
6625	R.59	Interface Requirements for 50-Baud Start-Stop Telegraph Transmission in the Maritime Mobile Satellite Service - Telegraph Transmission (Study Group IX) 2 pp	1988	ITU-T	0
6626	X.51 BIS	FUNDAMENTAL PARAMETERS OF A 48-kbit/s USER DATA SIGNALLING RATE TRANSMISSION SCHEME FOR THE INTERNATIONAL INTERFACE BETWEEN SYNCHRONOUS DATA NETWORKS USING 10-bit ENVELOPE STRUCTURE	1988	ITU-T	0
6627	Q.101	FACILITIES PROVIDED IN INTERNATIONAL SEMI-AUTOMATIC WORKING	1988	ITU-T	0
6628	SERIES S SUPP 1	Minimal specifications for the bilingual (Arabic/Latin) teleprinter	1988	ITU-T	0
6629	R.36	COEXISTENCE OF 50-BAUD/120-Hz CHANNELS, 100-BAUD/240-Hz CHANNELS, 200-BAUD/360-Hz OR 480-Hz CHANNELS ON THE SAME VOICE - FREQUENCY TELEGRAPH SYSTEM	1988	ITU-T	0
6630	L.4	Aluminium Cable Sheaths	1988	ITU-T	0
6631	M.350	NUMBERING OF MASTERGROUPS WITHIN A SUPERMASTERGROUP	1988	ITU-T	0
6632	T.6	FACSIMILE CODING SCHEMES AND CODING CONTROL FUNCTIONS FOR GROUP 4 FACSIMILE APPARATUS	1988	ITU-T	0
6633	Q.33	PROTECTION AGAINST THE EFFECTS OF FAULTY TRANSMISSION ON GROUPS OF CIRCUITS	1988	ITU-T	0
6634	R.62	SITING OF REGENERATIVE REPEATERS IN INTERNATIONAL TELEX CIRCUITS	1988	ITU-T	0
6635	X.21 BIS	Use on Public Data Networks of Data Terminal Equipment (DTE) Which is Designed for Interfacing to Synchronous V-Series Modems - Data Communication Networks: Services and Facilities, Interfaces (Study Group VII) 13 pp	1988	ITU-T	0
6636	L.6	Methods of Keeping Cables Under Gas Pressure	1988	ITU-T	0
6637	M.1014	TRANSMISSION MAINTENANCE POINT (INTERNATIONAL LINE) (TMP-IL)	1988	ITU-T	0
6638	I.421	PRIMARY RATE USER-NETWORK INTERFACE	1988	ITU-T	0
6639	N.21	LIMITS AND PROCEDURES FOR THE LINING-UP OF A SOUND-PROGRAMME CIRCUIT	1988	ITU-T	0
6640	Q.625	Logic Procedures for Outgoing Signalling System R1	1988	ITU-T	0
6641	J.42	CHARACTERISTICS OF EQUIPMENT FOR THE CODING OF ANALOGUE MEDIUM QUALITY SOUND-PROGRAMME SIGNALS FOR TRANSMISSION ON 384-kbit/s CHANNELS	1988	ITU-T	0
6642	R.71	ORGANIZATION OF THE MAINTENANCE OF INTERNATIONAL TELEGRAPH CIRCUITS	1988	ITU-T	0
6643	M.251	Maintenance Functions to Be Implemented in CCITT-MML - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits (Study Group IV) 29 pp	1988	ITU-T	0
6644	G.921	DIGITAL SECTIONS BASED ON THE 2048 kbit/s HIERARCHY	1988	ITU-T	0
6645	X.305	FUNCTIONALITIES OF SUBNETWORKS RELATING TO THE SUPPORT OF THE OSI CONNECTION-MODE NETWORK SERVICE	1988	ITU-T	0
6646	M.729	ORGANIZATION OF THE MAINTENANCE OF INTERNATIONAL PUBLIC SWITCHED TELEPHONE CIRCUITS USED FOR DATA TRANSMISSION	1988	ITU-T	0
6647	S.12	CONDITIONS THAT MUST BE SATISFIED BY SYNCHRONOUS SYSTEMS OPERATING IN CONNECTION WITH STANDARD 50-BAUD TELEPRINTER CIRCUITS	1988	ITU-T	0
6648	U.6	PREVENTION OF FRAUDULENT TRANSIT TRAFFIC IN THE FULLY AUTOMATIC INTERNATIONAL TELEX SERVICE	1988	ITU-T	0

6649	Q.500	DIGITAL LOCAL, COMBINED, TRANSIT AND INTERNATIONAL EXCHANGES - INTRODUCTION AND FIELD OF APPLICATION	1988	ITU-T	0
6650	SERIES E.300 SUPP 7	Description of INMARSAT existing and planned systems	1988	ITU-T	0
6651	Q.109	Transmission of the answer signal in international exchanges	1988	ITU-T	0
6652	V.100	INTERCONNECTION BETWEEN PUBLIC DATA NETWORKS (PDNS) AND THE PUBLIC SWITCHED TELEPHONE NETWORKS (PSTN)	1988	ITU-T	0
6653	X.56	INTERFACE BETWEEN SYNCHRONOUS DATA NETWORKS USING AN 8 + 2 ENVELOPE STRUCTURE AND SINGLE CHANNEL PER CARRIER (SCPC) SATELLITE CHANNELS	1988	ITU-T	0
6654	R.50	TOLERABLE LIMITS FOR THE DEGREE OF ISOCHRONOUS DISTORTION OF CODE - INDEPENDENT 50-BAUD TELEGRAPH CIRCUITS	1988	ITU-T	0
6655	R.31	STANDARDIZATION OF AMVFT SYSTEMS FOR A MODULATION RATE OF 50 BAUDS	1988	ITU-T	0
6656	SERIES G SUPP 30	TRANSMISSION PLAN ASPECTS OF LAND MOBILE TELEPHONY NETWORKS	1988	ITU-T	0
6657	Q.622	LOGIC PROCEDURES FOR OUTGOING SIGNALLING SYSTEM NO. 5	1988	ITU-T	0
6658	S.18	CONVERSION BETWEEN INTERNATIONAL TELEGRAPH ALPHABET No. 2 AND INTERNATIONAL ALPHABET No. 5	1988	ITU-T	0
6659	N.16	IDENTIFICATION SIGNAL	1988	ITU-T	0
6660	G.901	GENERAL CONSIDERATIONS ON DIGITAL SECTIONS AND DIGITAL LINE SYSTEMS	1988	ITU-T	0
6661	H.130	FRAME STRUCTURES FOR USE IN THE INTERNATIONAL INTERCONNECTION OF DIGITAL CODECS FOR VIDEOCONFERENCING OR VISUAL TELEPHONY	1988	ITU-T	0
6662	R.58 BIS	LIMITS ON SIGNAL TRANSFER DELAY FOR TELEGRAPH, TELEX AND GENTEX NETWORKS	1988	ITU-T	0
6663	S.6	CHARACTERISTICS OF ANSWERBACK UNITS (ITA2)	1988	ITU-T	0
6664	V.56	COMPARATIVE TESTS OF MODEMS FOR USE OVER TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6665	V.22	1200 BITS PER SECOND DUPLEX MODEM STANDARDIZED FOR USE IN THE GENERAL SWITCHED TELEPHONE NETWORK AND ON POINT-TO-POINT 2-WIRE RELEASED TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6666	Q.104	Language digit or discriminating digit	1988	ITU-T	0
6667	N.63	Test Signals to Be Used by the Broadcasting Organizations During the Preparatory Period	1988	ITU-T	0
6668	L.2	Impregnation of Wooden Poles	1988	ITU-T	0
6669	Q.681	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R2 TO No. 4	1988	ITU-T	0
6670	Q.45 BIS	TRANSMISSION CHARACTERISTICS OF AN ANALOGUE INTERNATIONAL EXCHANGE	1988	ITU-T	0
6671	Q.140-Q.180	Specifications of Signalling System No. 5 - Study Group XI	1988	ITU-T	0
6672	N.73	MAINTENANCE OF PERMANENT INTERNATIONAL TELEVISION CIRCUITS, LINKS AND CONNECTIONS	1988	ITU-T	0
6673	Z.323	MAN-MACHINE INTERACTION	1988	ITU-T	0
6674	M.1320	Numbering of Channels in Data Transmission Systems	1988	ITU-T	0
6675	Q.662	Logic procedures for interworking of signalling system No. 7 (TUP) to No. 5	1988	ITU-T	0
6676	M.495	Transmission Restoration and Transmission Route Diversity: Terminology and General Principles - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits (Study Group IV) 10 pp	1988	ITU-T	0
6677	R.79	AUTOMATIC TESTS OF TRANSMISSION QUALITY ON TELEGRAPH CIRCUITS BETWEEN SWITCHING CENTRES	1988	ITU-T	0
6678	SERIES G SUPP 36	Jitter and wander accumulation in digital networks	1988	ITU-T	0
6679	I.141	ISDN NETWORK CHARGING CAPABILITIES ATTRIBUTES	1988	ITU-T	0
6680	M.630	MAINTENANCE OF CIRCUITS USING CONTROL CHART METHODS	1988	ITU-T	0
6681	Q.613	Logic procedures for incoming signalling system No. 6	1988	ITU-T	0

6682	Q.28	DETERMINATION OF THE MOMENT OF THE CALLED SUBSCRIBER'S ANSWER IN THE AUTOMATIC SERVICE	1988	ITU-T	0
6683	M.390	NUMBERING IN SYSTEMS ON SYMMETRIC PAIR CABLE	1988	ITU-T	0
6684	S.13	USE ON RADIO CIRCUITS OF 7-UNIT SYNCHRONOUS SYSTEMS GIVING ERROR CORRECTION BY AUTOMATIC REPETITION	1988	ITU-T	0
6685	T.330	TELEMATIC ACCESS TO INTERPERSONAL MESSAGING SYSTEM	1988	ITU-T	0
6686	X.92	HYPOTHETICAL REFERENCE CONNECTIONS FOR PUBLIC SYNCHRONOUS DATA NETWORKS	1988	ITU-T	0
6687	N.11	ESSENTIAL TRANSMISSION PERFORMANCE OBJECTIVES FOR INTERNATIONAL SOUND-PROGRAMME CENTRES (ISPC)	1988	ITU-T	0
6688	M.1355	MAINTENANCE OF INTERNATIONAL DATA TRANSMISSION SYSTEMS OPERATING IN THE RANGE 2.4 TO 14.4 kbit/s	1988	ITU-T	0
6689	N.13	MEASUREMENTS TO BE MADE BY THE BROADCASTING ORGANIZATIONS DURING THE PREPARATORY PERIOD	1988	ITU-T	0
6690	M.880	International phototelegraph transmission	1988	ITU-T	0
6691	H.110	HYPOTHETICAL REFERENCE CONNECTIONS FOR VIDEOCONFERENCING USING PRIMARY DIGITAL GROUP TRANSMISSION	1988	ITU-T	0
6692	J.17	PRE - EMPHASIS USED ON SOUND - PROGRAMME CIRCUITS	1988	ITU-T	0
6693	V.54	LOOP TEST DEVICES FOR MODEMS	1988	ITU-T	0
6694	V.41	CODE-INDEPENDENT ERROR-CONTROL SYSTEM	1988	ITU-T	0
6695	I.340	ISDN Connection Types	1988	ITU-T	0
6696	P.48	SPECIFICATION FOR AN INTERMEDIATE REFERENCE SYSTEM	1988	ITU-T	0
6697	Q.674	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R1 TO R2	1988	ITU-T	0
6698	V.31	ELECTRICAL CHARACTERISTICS FOR SINGLE-CURRENT INTERCHANGE CIRCUITS CONTROLLED BY CONTACT CLOSURE	1988	ITU-T	0
6699	Q.623	Logic Procedures for Outgoing Signalling System No. 6	1988	ITU-T	0
6700	R.51 BIS	STANDARDIZED TEXT FOR TESTING THE ELEMENTS OF A COMPLETE CIRCUIT	1988	ITU-T	0
6701	X.326	GENERAL ARRANGEMENTS FOR INTERWORKING BETWEEN PACKET SWITCHED PUBLIC DATA NETWORKS (PSPDNs) AND COMMON CHANNEL SIGNALLING NETWORK (CCSN)	1988	ITU-T	0
6702	M.556	Setting up and Initial Testing of Digital Channels on an International Digital Path or Block - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6703	R.35 BIS	50-BAUD WIDEBAND VFT SYSTEMS	1988	ITU-T	0
6704	L.1	Construction, Installation and Protection of Telecommunication Cables in Public Networks	1988	ITU-T	0
6705	Q.723	Formats and Codes	1988	ITU-T	0
6706	N.17	MONITORING THE TRANSMISSION	1988	ITU-T	0
6707	Q.400-Q.490	Specifications of Signalling System R2 - Study Group XI	1988	ITU-T	0
6708	T.562	TERMINAL CHARACTERISTICS FOR TELETEX PROCESSABLE MODE PM.1	1988	ITU-T	0
6709	Q.702	SIGNALLING DATA LINK	1988	ITU-T	0
6710	R.58	STANDARD LIMITS OF TRANSMISSION QUALITY FOR THE GENTEX AND TELEX NETWORKS	1988	ITU-T	0
6711	Q.82.4	Stage 2 Description for Call Offering Supplementary Services - Line Hunting - General Recommendations on Telephone Switching and Signalling Functions and Information Flows for Services in the ISDN	1988	ITU-T	0
6712	H.140	A MULTIPOINT INTERNATIONAL VIDEOCONFERENCE SYSTEM	1988	ITU-T	0
6713	L.3	Armouring of Cables	1988	ITU-T	0
6714	Q.682	LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM R2 TO No. 5 (TUP)	1988	ITU-T	0

6715	V.21	300 BITS PER SECOND DUPLEX MODEM STANDARDIZED FOR USE IN THE GENERAL SWITCHED TELEPHONE NETWORK	1988	ITU-T	0
6716	X.54	ALLOCATION OF CHANNELS ON INTERNATIONAL MULTIPLEX LINKS AT 64 kbit/s	1988	ITU-T	0
6717	N.64	Quality and Impairment Assessment	1988	ITU-T	0
6718	V.26 BIS	2400/1200 BITS PER SECOND MODEM STANDARDIZED FOR USE IN THE GENERAL SWITCHED TELEPHONE NETWORK	1988	ITU-T	0
6719	Q.107	Standard sending sequence of forward address information	1988	ITU-T	0
6720	Q.105	National (significant) number	1988	ITU-T	0
6721	I.511	ISDN-TO-ISDN LAYER 1 INTERNETWORK INTERFACE	1988	ITU-T	0
6722	M.570	CONSTITUTION OF THE CIRCUIT: PRELIMINARY EXCHANGE OF INFORMATION - Study Group IV	1988	ITU-T	0
6723	R.37	STANDARDIZATION OF FMVFT SYSTEMS FOR A MODULATION RATE OF 100 BAUDS	1988	ITU-T	0
6724	M.510	Readjustment to the Nominal Value of a Regulated Line Section (on a Symmetric Pair Line, a Coaxial Line or a Radio-Relay Link) - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6725	U.4	EXCHANGE OF INFORMATION REGARDING SIGNALS DESTINED TO BE USED OVER INTERNATIONAL CIRCUITS CONCERNED WITH SWITCHED TELEPRINTER NETWORKS	1988	ITU-T	0
6726	Q.722	GENERAL FUNCTION OF TELEPHONE MESSAGES AND SIGNALS	1988	ITU-T	0
6727	M.50	Use of Telecommunication Terms for Maintenance - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits (Study Group IV) 1 pp	1988	ITU-T	0
6728	M.450	BRINGING A NEW INTERNATIONAL TRANSMISSION SYSTEM INTO SERVICE	1988	ITU-T	0
6729	V.4	GENERAL STRUCTURE OF SIGNALS OF INTERNATIONAL ALPHABET No. 5 CODE FOR CHARACTER ORIENTED DATA TRANSMISSION OVER PUBLIC TELEPHONE NETWORKS	1988	ITU-T	0
6730	S.32	ANSWER - BACK UNITS FOR 200- AND 300-BAUD START - STOP MACHINES IN ACCORDANCE WITH RECOMMENDATION S.30	1988	ITU-T	0
6731	R.75 BIS	MAINTENANCE MEASUREMENTS OF CHARACTER ERROR RATE ON INTERNATIONAL SECTIONS OF INTERNATIONAL TELEGRAPH CIRCUITS	1988	ITU-T	0
6732	Q.81.1	Stage 2 Description for Number Identification Supplementary Services - Direct Dialling-in	1988	ITU-T	0
6733	V.33	14 400 BITS PER SECOND MODEM STANDARDIZED FOR USE ON POINT-TO-POINT 4-WIRE LEASED TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6734	N.4	DEFINITION AND DURATION OF THE LINE - UP PERIOD AND THE PREPARATORY PERIOD	1988	ITU-T	0
6735	Q.25	SPLITTING ARRANGEMENTS AND SIGNAL RECOGNITION TIMES IN "IN-BAND" SIGNALLING SYSTEMS	1988	ITU-T	0
6736	M.605	ROUTINE MAINTENANCE SCHEDULE FOR INTERNATIONAL PUBLIC TELEPHONY CIRCUITS	1988	ITU-T	0
6737	SERIES G SUPP 31	STATUS OF WORK OF PRESENTLY CONSIDERED DIGITAL CIRCUIT MULTIPLICATION EQUIPMENT (DCME) DOCUMENTS	1988	ITU-T	0
6738	I.232.2	Connectionless Bearer Service Category - Integrated Services Digital Network (ISDN) - General Structure and Service Capabilities (Study Group XVIII) 1 pp	1988	ITU-T	0
6739	I.230	Definition of Bearer Service Categories	1988	ITU-T	0
6740	S.19	CALLING AND ANSWERING IN THE TELEX NETWORK WITH AUTOMATIC TERMINAL EQUIPMENT	1988	ITU-T	0
6741	Q.24	MULTIFREQUENCY PUSH-BUTTON SIGNAL RECEPTION	1988	ITU-T	0
6742	V.36	MODEMS FOR SYNCHRONOUS DATA TRANSMISSION USING 60-108 kHz GROUP BAND CIRCUITS	1988	ITU-T	0
6743	M.35	PRINCIPLES CONCERNING LINE-UP AND MAINTENANCE LIMITS	1988	ITU-T	0
6744	O.95	PHASE AND AMPLITUDE HIT COUNTERS FOR TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6745	Z.332	METHODOLOGY FOR THE SPECIFICATION OF THE MAN-MACHINE INTERFACE - GENERAL WORKING PROCEDURE	1988	ITU-T	0
6746	R.83	CHANGES OF LEVEL AND INTERRUPTIONS IN VFT CHANNELS	1988	ITU-T	0

6747	U.70	TELEX SERVICE SIGNALS FOR TELEX TO TELETEx INTERWORKING	1988	ITU-T	0
6748	I.252.1	Call offering supplementary services: Call Transfer	1988	ITU-T	0
6749	M.34	PERFORMANCE MONITORING ON INTERNATIONAL TRANSMISSION SYSTEMS AND EQUIPMENT	1988	ITU-T	0
6750	M.726	MAINTENANCE ORGANIZATION FOR THE WHOLLY DIGITAL INTERNATIONAL AUTOMATIC AND SEMI-AUTOMATIC TELEPHONE SERVICE	1988	ITU-T	0
6751	SERIES E.800 SUPP 1	Table of the Erlang formula	1988	ITU-T	0
6752	V.23	600/1200-BAUD MODEM STANDARDIZED FOR USE IN THE GENERAL SWITCHED TELEPHONE NETWORK	1988	ITU-T	0
6753	M.496	Functional Organization for Automatic Transmission Restoration - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6754	Q.616	LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM R2	1988	ITU-T	0
6755	R.44	6-UNIT SYNCHRONOUS TIME-DIVISION 2-3-CHANNEL MULTIPLEX TELEGRAPH SYSTEM FOR USE OVER FMVFT CHANNELS SPACED AT 120 Hz FOR CONNECTION TO STANDARDIZED TELEPRINTER NETWORKS	1988	ITU-T	0
6756	S.9	SWITCHING EQUIPMENT OF START - STOP APPARATUS	1988	ITU-T	0
6757	U.30	SIGNALLING CONDITIONS FOR USE IN THE INTERNATIONAL GENTEX NETWORK	1988	ITU-T	0
6758	M.585	BRINGING AN INTERNATIONAL DIGITAL CIRCUIT INTO SERVICE	1988	ITU-T	0
6759	R.140	DEFINITIONS OF ESSENTIAL TECHNICAL TERMS IN THE FIELD OF TELEGRAPH TRANSMISSION	1988	ITU-T	0
6760	V.27 BIS	4800/2400 BITS PER SECOND MODEM WITH AUTOMATIC EQUALIZER STANDARDIZED FOR USE ON LEASED TELEPHONE-TYPE CIRCUITS	1988	ITU-T	0
6761	Q.22	FREQUENCIES TO BE USED FOR IN-BAND SIGNALLING	1988	ITU-T	0
6762	SERIES F SUPP 1	Definitions relating to telegraph, telematic and data transmission services	1988	ITU-T	0
6763	M.562	TYPES OF CIRCUIT AND CIRCUIT SECTION - Study Group IV	1988	ITU-T	0
6764	M.720	NETWORK ANALYSIS POINT	1988	ITU-T	0
6765	G.801	Digital transmission models	1988	ITU-T	0
6766	Q.655	Logic procedures for interworking of signalling system No. 6 to R2	1988	ITU-T	0
6767	Q.6	ADVANTAGES OF INTERNATIONAL AUTOMATIC WORKING	1988	ITU-T	0
6768	L.9	METHODS OF TERMINATING METALLIC CABLE CONDUCTORS	1988	ITU-T	0
6769	X.81	INTERWORKING BETWEEN AN ISDN CIRCUIT-SWITCHED AND A CIRCUIT-SWITCHED PUBLIC DATA NETWORK (CSPDN)	1988	ITU-T	0
6770	Q.1101	GENERAL REQUIREMENTS FOR THE INTERWORKING OF THE TERRESTRIAL TELEPHONE NETWORK AND INMARSAT STANDARD A SYSTEM	1988	ITU-T	0
6771	M.717	TESTING POINT (TRANSMISSION)	1988	ITU-T	0
6772	Q.652	Logic procedures for interworking of signalling system No. 6 to No. 5	1988	ITU-T	0
6773	N.61	Measurements to Be Made Before the Line-up Period That Precedes a Television Transmission	1988	ITU-T	0
6774	X.22	MULTIPLEX DTE/DCE INTERFACE FOR USER CLASSES 3-6	1988	ITU-T	0
6775	J.11	HYPOTHETICAL REFERENCE CIRCUITS FOR SOUND-PROGRAMME TRANSMISSIONS	1988	ITU-T	0
6776	V.230	GENERAL DATA COMMUNICATIONS INTERFACE LAYER 1 SPECIFICATION	1988	ITU-T	0
6777	SERIES P SUPP 10	Considerations Relating to Transmission Characteristics for Analogue Handset Telephones - Series P: Telephone Transmission Quality, Telephone Installations, Local Line Networks - Supplement 10	1988	ITU-T	0
6778	Z.321	INTRODUCTION TO THE EXTENDED MML FOR VISUAL DISPLAY TERMINALS	1988	ITU-T	0
6779	Q.4	AUTOMATIC SWITCHING FUNCTIONS FOR USE IN NATIONAL NETWORKS	1988	ITU-T	0
6780	O.6	1020 Hz REFERENCE TEST FREQUENCY	1988	ITU-T	0
6781	M.724	CIRCUIT SUB-CONTROL STATION	1988	ITU-T	0

6782	M.715	FAULT REPORT POINT (CIRCUIT)	1988	ITU-T	0
6783	K.9	PROTECTION OF TELECOMMUNICATION STAFF AND PLANT AGAINST A LARGE EARTH POTENTIAL DUE TO A NEIGHBOURING ELECTRIC TRACTION LINE	1988	ITU-T	0
6784	Q.645	Logic procedures for interworking of signalling system No. 5 to R2	1988	ITU-T	0
6785	J.13	Definitions for International Sound-Programme Circuits - Line Transmission of Non-Telephone Signals - Transmission of Sound-Programme and Television Signals (Study Group XV) 3 pp	1988	ITU-T	0
6786	U.21	OPERATOR RECALL ON A TELEX CALL SET UP ON A RADIOTELEGRAPH CIRCUIT	1988	ITU-T	0
6787	R.77	USE OF BEARER CIRCUITS FOR VOICE - FREQUENCY TELEGRAPHY	1988	ITU-T	0
6788	M.100	SERVICE CIRCUITS	1988	ITU-T	0
6789	Z.312	BASIC FORMAT LAYOUT	1988	ITU-T	0
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6791	Z.336	TRAFFIC MEASUREMENT ADMINISTRATION	1988	ITU-T	0
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6793	V.53	LIMITS FOR THE MAINTENANCE OF TELEPHONE-TYPE CIRCUITS USED FOR DATA TRANSMISSION	1988	ITU-T	0
6794	G.795	CHARACTERISTICS OF CODECS FOR FDM ASSEMBLIES - GENERAL ASPECTS OF DIGITAL TRANSMISSION SYSTEMS - TERMINAL EQUIPMENTS - Study Groups XV and XVIII	1988	ITU-T	0
6795	M.1012	CIRCUIT CONTROL STATION FOR LEASED AND SPECIAL CIRCUITS	1988	ITU-T	0
6796	M.520	Routine Maintenance on International Group, Supergroup, Etc., Links - General Maintenance Principles - Maintenance of International Transmission Systems and Telephone Circuits - Study Group IV	1988	ITU-T	0
6797	M.820	Periodicity of routine tests on international voice-frequency telegraph links	1988	ITU-T	0
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6805	U.44	MULTI-ADDRESS CALLS IN REAL TIME FOR BROADCAST PURPOSES IN THE INTERNATIONAL TELEX SERVICE	1988	ITU-T	0
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6812	Q.1102	INTERWORKING BETWEEN SIGNALLING SYSTEM R2 AND INMARSAT STANDARD A SYSTEM	1988	ITU-T	0
6813	U.60	GENERAL REQUIREMENTS TO BE MET IN INTERFACING THE INTERNATIONAL TELEX NETWORK WITH THE MARITIME SATELLITE SYSTEMS	1988	ITU-T	0
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